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(54) Title: METHOD AND APPARATUS FOR ARRANGING FLEXIBLE AND COST-EFFICIENT PRIVATE AIR TRAVEL

(57) Abstract:

Method and Apparatus for Arranging Flexible and Cost-Efficient Private Air Travel

Technical Field

The present invention relates to air travel, and more particularly, to a method and apparatus for providing flexible, cost efficient private air travel.

Background to the Invention

Private air travel has conventionally been provided in three different ways. An individual (such as an individual person, business, organization or association) may purchase an aircraft and thus acquire full ownership of the aircraft. An individual may purchase part of an aircraft, a situation commonly referred to as fractional ownership. An individual may also hire or rent an aircraft through a charter company. Each of these situations involves its own cost considerations and use restrictions.

Full ownership includes amortization of aircraft acquisition cost as well as flight crew and maintenance charges. Further direct operating costs include fuel, taxes, catering and landing fees. The individual owner is limited to the use of a dedicated aircraft and ultimately pays for total available aircraft flight hours, whether or not the aircraft is utilized.

In the second situation, buyers purchase a share in an airplane. Generally, shares in a business airplane range from one-sixteenth to one-half of the total price of the plane. The buyer is guaranteed a proportional number of flight hours and charged a per-flight hour fee as well as a monthly maintenance fee. If a buyer exceeds that number of hours, more hours may be purchased at a premium rate. Thus, fractional ownership includes the cost of acquiring the fractional share, a monthly management fee, an hourly rate fee, and a residual fee at the completion of the acquisition term. The share purchased commits the owner to a predetermined annual number of flight hours in a specified aircraft

type, regardless of whether the shareowner's needs change, and the owner cannot fly multiple simultaneous missions. Further, response time for a shareowner's flight request is typically at least six hours.

Charter situations include an hourly flight rate and a positioning charge if the passenger or customer is not departing from the charter operator's flight base. Additionally, one-way flights are usually performed at round trip prices because the charter carrier cannot leave an aircraft at a remote location to await the passenger's future return. The customer must locate a charter company that serves the desired destination, the desired aircraft type, or both. A limited charter fleet size often limits service flexibility, hence it is difficult to serve one-way flight requirements. Further, the response time for a customer or passenger's flight request varies drastically depending on the charter carrier, and there are few carriers that operate on a national scale.

Summary of the Invention

In accordance with an embodiment of the present invention, a method for providing private air travel to a plurality of customers includes establishing a pool of aircraft service providers and obtaining an aircraft service request from each customer. The aircraft service request includes a set of customer specified parameters relating the customer's flight. One or more aircraft that conform to each set of customer-specified parameters is selected from the pool of aircraft service providers and matched to each aircraft service request, in accordance with the customer-specified parameters, in a manner that minimizes the occurrence of passenger-less flights.

The method may further comprise receiving one or more service requests through a web page, and/or providing a travel card to one or more of the customers wherein the travel card represents a pre-purchased amount of private aircraft service.

In accordance with another embodiment of the invention, a travel card for

providing private air travel to a customer includes a first face and a second face, the first face including thereon an identification number for identifying a customer authorized to use the travel card and a designation representing a pre-purchased allotment of private aircraft service. In a related embodiment, the first face or the second face may include thereon a designation representing a pre-determined number of private aircraft service upgrades that are redeemable at the option of the customer. The first face or the second face may also include thereon a magnetic strip that enables the card to be read by a magnetic strip reader. In yet another related embodiment, the travel card may further comprise a processor and a memory disposed between the first face and the second face, and the memory may retain data pertinent to the customer's private aircraft service preferences and/or data pertinent to the customer's medical preferences, medical conditions or catering preferences. The memory may also retain data pertinent to the customer's post-flight or pre-flight travel preferences. In a further related embodiment, the processor may include program code for establishing a communication link to a computer network when the program code is read by a computer, and the network may provide a communication link to a private air travel contractor.

In accordance with another embodiment of the invention, a graphical user interface for providing private air travel to a customer includes a request module, a selection module, and a payment module. The request module provides a request interface containing fields for entering private aircraft travel request information, and the payment module provides a payment interface through which the customer may enter private aircraft travel payment information. The selection module provides a selection interface that displays information regarding the availability of aircraft that satisfy the customer's travel request information. In accordance with a related embodiment, the graphical user interface may also include a tracking module that provides a tracking interface for displaying information regarding a flight status to a customer. In

accordance with another related embodiment, the graphical user interface may also include an account module that provides an account interface for displaying information relevant to a private air travel customer's personal account.

In accordance with another embodiment of the invention, a graphical user interface for providing private air travel to a plurality of customers includes a search module that provides an interface whereby a user may locate, in substantially real time, an aircraft that satisfies travel requirements of each customer. The graphical user interface also includes a tracking module that provides an interface whereby the user may track the flight progress of one or more aircraft that may satisfy travel requirements of each customer. In a related embodiment, the graphical user interface may also include a flight entry module that provides an interface containing fields for creating a flight for each customer and generating an interface for displaying a calender of updated flights in accordance with the entry of each flight created. In further related embodiments, the graphical user interface may also include a flight information module that provides an interface for displaying information regarding aircraft availability to the user; a payment module that provides a payment interface containing fields by which a user may enter customer payment information; and/or a report module that provides an interface whereby a user may generate a flight report.

In accordance with another embodiment of the invention, a system for providing private air travel to a plurality of customers includes means for communicating with a plurality of aircraft service providers, the aircraft service providers supplying a plurality of aircraft types from a plurality of locations and means for communicating with each customer, each customer providing an itinerary for private air travel, such that at least one aircraft from the plurality of aircraft service providers is matched to the itinerary in a manner that minimizes the occurrence of passenger-less flights.

In accordance with a further embodiment of the invention, a computer program product for providing a database for providing private air travel to a

plurality of customers, the computer program product comprising a computer readable medium having computer code thereon, includes program code for receiving data regarding aircraft provided by at least one satellite dish and at least one computer network, and program code for storing the data provided by the satellite dish and the computer network.

In accordance with a yet another embodiment of the invention, a method for providing private air travel to a plurality of customers includes receiving data relevant to a plurality of aircraft owned by a plurality of aircraft service providers via a first communication link, and receiving data relevant to a plurality of customer service requests via a second communication link. The data received from the first and second communication links is saved to a storage medium and analyzed in order to match at least one aircraft to each customer service request in a manner that minimizes the occurrence of passenger-less flights.

In accordance with another embodiment of the invention, a method for providing travel services including private air travel to a plurality of customers includes providing a pre-purchased allotment of private air travel to one or more of the customers and receiving a travel service request from each customer, wherein the travel service request includes customer-specified flight parameters. The method also includes providing an aircraft that satisfies the customer-specified flight parameters for each customer's travel service request. The value of the travel service is debited from the pre-purchased allotment of private air travel for each customer provided with a pre-purchased allotment.

Brief Description of the Figures

The foregoing features of the invention will be more readily understood by reference to the following detailed description taken with the accompanying drawings in which:

Fig. 1 is block diagram illustrating a system for providing private air travel

in accordance with an embodiment of the present invention;

Fig. 2 is an illustration of a graphical user interface which may be used to provide private air travel in accordance with an embodiment of the invention;

Fig. 3 is an illustration of an aircraft locator interface for conducting a search for aircraft in accordance with another embodiment of the invention;

Fig. 4 is an illustration of an interface by which a user may view the results of the search conducted in accordance with the embodiment of Fig. 3;

Fig. 5 is an illustration of a aircraft location display interface in accordance with the embodiment of Fig. 3;

Fig. 6 is an illustration of airport locator display interface in accordance with the embodiment of Fig. 3;

Fig. 7 is an illustration of a graphical user interface for tracking one or more aircraft in accordance with the embodiment of Fig. 3;

Fig. 8 is an illustration of an interface for viewing the tracked aircraft in accordance the embodiment of Figs. 3 and 7;

Fig. 9 is an illustration of an interface for viewing tracked aircraft in a particular geographical region accordance with the embodiment of Figs. 3, 7 and 8;

Fig. 10 is an illustration of a web page providing a graphical user interface to a customer in accordance with another embodiment of the present invention;

Fig. 11 is a graphical illustration of a travel card in accordance with another embodiment of the invention;

Fig. 12 is a flow chart illustrating a method for providing private air travel in accordance with an embodiment of the present invention;

Fig. 13 is a flow chart illustrating the method of Fig. 11 detailing pre-flight procedures;

Fig. 14 s a flow chart illustrating the method of Fig. 11 detailing post-flight procedures;

Fig. 15 is an illustration showing login icon on a pull down menu of the

flight command center module in accordance with an embodiment of the invention;

Fig. 16 is an illustration showing a login interface in accordance with the icon of Fig. 15;

Fig. 17 is an illustration showing a user password interface of the flight command center module of Fig. 15;

Fig. 18 is an illustration showing a command center application menu of the flight command center module of Fig. 15;

Fig. 19 is an illustration showing navigation bars used in accordance with the flight command center module of Fig. 15;

Fig. 20 is an illustration showing screen view pull down menu of the flight command center module of Fig. 15;

Fig. 21 is an illustration showing a user help pull down menu of the flight command center module of Fig. 15;

Fig. 22 is an illustration showing a customer information pull down menu of the flight command center module of Fig. 15;

Fig. 23 is an illustration showing a customer information interface of the flight command center module of Fig. 15;

Fig. 24 is an illustration showing a customer search interface of the flight command center module of Fig. 15;

Fig. 25 is an illustration showing a customer action detail interface of a flight command center module of Fig. 15;

Fig. 26 is an illustration showing a customer action interface of the flight command center module of Fig. 15;

Fig. 27 is an illustration showing a customer preferences interface of the flight command center module of Fig. 15;

Fig. 28 is an illustration showing a customer references interface of the flight command center module of Fig. 15;

Fig. 29 is an illustration showing a complimentary upgrade report

interface of the flight command center module of Fig. 15;

Fig. 30 is an illustration showing an options pull down menu of the flight command center module of Fig. 15;

Fig. 31 is an illustration showing a travel card information interface of the flight command center module of Fig. 15;

Fig. 32 is an illustration showing a travel card/customer balance information interface of the flight command center module of Fig. 15;

Fig. 33 is an illustration showing a travel card referral interface of the flight command center module of Fig. 15;

Fig. 34 is an illustration showing an aircraft information interface of the flight command center module of Fig. 15;

Fig. 35 is an illustration showing an aircraft photograph interface of the flight command center module of Fig. 15;

Fig. 36 is an illustration showing an aircraft feedback interface of the flight command center module of Fig. 15;

Fig. 37 is an illustration showing an aircraft search interface of a search and notification module associated with the flight command center module of Fig. 15;

Fig. 38 is an illustration showing a display by which a user may view the results of a search conducted using the search interface of Fig. 37;

Fig. 39 is an illustration showing an airport information interface of the flight command center module of Fig. 15;

Fig. 40 is an illustration showing an airport locator interface of the flight command center module of Fig. 15;

Fig. 41 is an illustration showing an aircraft service provider information interface of the flight command center module of Fig. 15;

Fig. 42 is an illustration showing an aircraft service provider search interface of the flight command center module of Fig. 15;

Fig. 43 is an illustration showing an address/city selection interface of the

flight command center module of Fig. 15;

Fig. 44 is an illustration showing a flight information pull down menu of the flight command center module of Fig. 15;

Fig. 45 is an illustration showing a flight worksheet interface of the flight command center module of Fig. 15;

Fig. 46 is an illustration showing flight report interface of the flight command center module of Fig. 15;

Fig. 47 is an illustration showing a month view of a flight calendar interface of the flight command center module of Fig. 15;

Fig. 48 is an illustration showing week view of the flight calendar interface of Fig. 47;

Fig. 49 is an illustration showing a day view of the flight calendar interface Fig. 47;

Fig. 50 is an illustration showing a grid view of the flight calendar interface of Fig. 47;

Fig. 51 is an illustration showing a flight calendar filter interface associated with the flight calendar interface of Fig. 47; and

Fig. 52 is an illustration showing an option menu associated with the flight calendar interface of Fig. 47.

Detailed Description of Specific Embodiments

Fig. 1 is block diagram illustrating a system for providing private air travel in accordance with an embodiment of the present invention. The system includes a plurality of aircraft service providers **101** in communication with a private air travel contractor **102**. (As used herein, a "contractor" refers to the entity providing or arranging the private air travel to the customer and engaging services from the aircraft service providers. Additionally, an "aircraft service provider" may be a charter company or an aircraft owner. In certain embodiments of the invention, an aircraft service provider may be referred to as

a "carrier".) The aircraft service providers **101** supply a variety of aircraft types which may travel to and from any number of locations both nationally and internationally. The private air travel contractor **102** is in communication with a plurality of customers, such as customers **104** and **105,** via a network **110.** The network **110** may include a Wide Area Network (WAN), such as the Internet, a System Area Network (SAN), or a Local Area Network (LAN) such as a CAT 5 certified LAN. The customers **104, 105** may communicate with the contractor **102** via the network and an electronic link established by program code resident on a processor contained in a travel card provided by the contractor **102.** Similarly, the customers **104, 105** may communicate with the contractor **102** via facsimile, e-mail, web-page, telephone, or in person. The private air travel contractor **102** matches at least one aircraft from at least one of the plurality of aircraft service providers **101** to a private air travel request from each customer **104** and **105** in accordance with a set of customer-specified parameters that are provided by the customers **104** and **105** in a manner that minimizes the occurrence of passenger-less flights, as will be described in greater detail below.

The contractor **102** may choose from a plurality of different aircraft types and sizes (such as turbo prop aircraft, light jet aircraft, a mid-size jet aircraft, or a heavy jet aircraft) in accordance with the customer's requirements or preferences, and the aircraft may be automatically upgraded to a different size or type at a later time. The contractor **102** may also be in communication with other travel service providers **109** to provide each customer **104, 105** with, for example, ground transportation (e.g., car rental services, taxi services, private bus services and train services), boat and ferry services, and hotel or motel or other travel accommodations.

In order to minimize the occurrence of passenger-less flights, the contractor **102** has access to one or more databases **120,** which may be resident on one or more database servers **112.** Similarly, the database **120** may be accessed through the network **110.** The database **120,** under appropriate program control,

receives real time and batch mode data from a plurality of disparate sources. These sources include, but are not limited to, the aircraft service providers **101**, individual aircraft, airports, travel services providers **109**, city resources **107**, state resources **106**, and country resources **108**. The contractor **102** is also in communication with one or more satellite dishes **114**, either directly or through the database **120** or server **112**.

Data received from these sources includes, but is not limited to: information pertinent to flight statuses (active flights, proposed flights, landed flights, one-way flights and transient flights); information regarding aircraft types; information regarding time zones; information regarding aircraft safety and maintenance histories; information regarding aircraft service provider safety history; information regarding pilot safety and training histories; and information regarding pre-flight or post-flight travel arrangements and accommodations.

In accordance with one embodiment of the invention, data is obtained from the various sources using software programs such as those provided by Microsoft, Inc., Air Charter Guide (ACG), RLM Software, Inc. and ARGUS, Inc. For example, a contractor **102** may use a standardized Microsoft Windows 2000 operating system for all server and workstations associated with the contractor's business. Data feeds for active, proposed, and landed flights may come from third party applications that may use Windows NT. The RLM software provides the contractor **102** (either directly, or through the database **120** and/or database server **112**) with a communication link to one or more satellite dishes such that information regarding the position of all aircraft with recorded or filed flight plans is updated every three minutes. The positioning information may include the tail number associated with an aircraft, the origin and destination airports associated with an aircraft, the departure and arrival time associated with an aircraft, the longitude and latitude associated with an aircraft and a last known status associated with an aircraft.

The ACG software provides the contractor **102** with a communication to the Internet such that information relevant to aircraft availability (particularly with respect to one-way and transient flights) is updated every hour. As used herein a "transient" aircraft refers to a flight or aircraft that is landed at an aircraft base that is not its home base. A transient aircraft is waiting to be scheduled for a flight destined for the aircraft's home base. The ACG software also provides the contractor **102** with "on demand" information about aircraft, airports and service providers, as will be described in greater detail below.

The ARGUS software provides the contractor **102** with a communication link to the Internet, supplied on demand, such that information regarding quality inspection ratings for aircraft service providers and aircraft may be obtained. Information obtained utilizing such software devices may be stored in the database **120** via the contractor, or the information may be delivered directly to the database server **112** from external sources for storage to the database **120**.

In order to replicate the data provided by the various data sources, the contractor **102** may run automatic scheduled "jobs" (usually performed by software programs or programmed middleware or hardware components) on the database **120** via the database server **112**. These jobs provide error logs and automatic notifications to the contractor **102** upon the failure of some aspect of the system. Such jobs are automatically executed every three minutes or less, or as close to real-time as possible given the rate information is received by the contractor or input to the database **120**. For example, a "flight data update" job may serve to take in the positioning information provided by the software described above and update appropriate modules in the database **120** in accordance with a flight's status. As noted above, flight statuses include "active", "proposed", "landed", "one-way" or "transient". These are statuses are based on the recorded (or filed) flight plans of the aircraft as well information obtained through the RLM and ACG software. Each status may be archived to a separate module in the database **120** for future analysis of an aircraft's flight history.

Similarly, an "availability" job is designed to record the one-way and transient availability of aircraft associated with the system, and a "demand" job is designed to record all information about each aircraft, airport, and aircraft service provider **101**. By receiving information in the manner described above, and recording and updating information in the database **120** in accordance with jobs similar to those described above, it is possible to know the status, origin, destination, speed and capacity of all aircraft associated with the system and to use this information to minimize the occurrence of passenger-less flights and provide cost efficient and flexible private air travel service.

The database **120** is a highly normalized relational database that houses many different kinds of information and allows correlation of all the entities or objects that correspond to different aspects of the system. For example, objects or entities representing aircraft service providers are correlated with objects or entities representing aircraft that the aircraft service providers operate and/or own. Further, the system manipulates data imported to the system and provides normalized views of all the imported data. The contractor **102** may also "de-normalize" the different types of information into separate modules in the database **120**. Such de-normalizing results in the fastest response time for the users of the system because the separate modules allow a user (usually a contractor or contractor personnel) to simply select information contained in one module via a display device, such as a computer monitor and a keyboard or mouse.

By manipulating the modules in the database, the system is able to provide conflict resolution for aircraft and aircraft service providers. For example, if an aircraft has been given a specific tail number and information concerning that tail number has been received by the system, the information will be stored in a conflict module which may be accessed by the database **120**. Similarly, if a aircraft service provider **101** has a name, information received by the system concerning that name may likewise be stored in a conflict module in

the database **120**. The information stored in the conflict module may be compared to scheduled or proposed customer requests in order to assess the possibility of employing a particular aircraft or travel service provider to perform a particular service request. Modules may include objects or structures (sometimes referred to herein as "tables" or "entities") in accordance with programming languages such as C, C++, JAVA, CORBA HTML, or the like. The information stored in the conflict module may then be used to update the system or the information may be discarded.

Further, in accordance with the database architecture, software and processes that enable automatic data feeds to the system can accommodate different data fields coming from separate data sources for the same kind of information. As noted above, the database architecture includes a conflict resolution system that identifies conflicting pieces of data coming from separate data sources. Additionally, an abstraction layer may be provided which will allow the introduction of new data sources at any time.

In accordance with an embodiment of the invention, tables are used in a client server application to present easy-to-use, fast, intuitive screens to the users of the system. The system may use the Microsoft SQL Server 2000 however, the use of case tools and generic Entity Relationship (ER) Modeling helps ensure the portability of the database **120**. Examples of entities (or tables) used in the system in accordance with Entity Relationship Modeling include, but are not limited to:

Entity ACTION_TYPE

Card of the entity ACTION_TYPE

Name	ACTION_TYPE
Comment	An ACTION_TYPE table contains the action type name. The action type table may have many customer histories associated with it. The data input to this table generally comes from contractor personnel.

Entity ADDITION_TYPE

Card of the entity ADDITION_TYPE

Name	ADDITION_TYPE
Comment	An ADDITION_TYPE table is used to indicate what type of addition is made against a customer travel card. Typical values for an ADDITION_TYPE are credit memo, endorsement, initial deposit, and additional deposit.

Entity ADDRESS

Card of the entity ADDRESS

Name	ADDRESS
Comment	An ADDRESS table contains data on addresses for service carriers and customers, such as a street address, a primary address indicator, etc. An ADDRESS may have many credit card numbers, a service carrier, a city, and a customer associated with it. An ADDRESS may have been last updated by one data source. The data input to this table generally comes from the ACG software and contractor personnel.

Entity ADDRESS_TYPE

Card of the entity ADDRESS_TYPE

Name	ADDRESS_TYPE

Comment	An ADDRESS_TYPE table contains possible address types in the system so that each ADDRESS entry can be associated with a certain ADDRESS_TYPE. Possible values are home, office, vacation home, FedEx, or old. This table allows the contractor to get in touch with its customers based on the ADDRESS_TYPE that designates a customer's whereabouts.

Entity AIRCRAFT

Card of the entity AIRCRAFT

Name	AIRCRAFT
Comment	An AIRCRAFT table contains data on all aircraft world-wide, including tail number, condition, rate, ARGUS rating, etc. An AIRCRAFT may have many photos associated with it, may have many flight legs, many transient periods, many one-way flights, and many features associated with it. An AIRCRAFT may be black listed many times, preferred many times, have many ARGUS audits, and fly for many fractional companies. An AIRCRAFT may have only one base airport, one service carrier, and one aircraft type associated with it. An AIRCRAFT may have been last updated by one data source. The data input to this table generally comes from the ACG software and contractor personnel.

Entity AIRCRAFT_CATEGORY

Card of the entity AIRCRAFT_CATEGORY

Name	AIRCRAFT_CATEGORY
Comment	An AIRCRAFT_CATEGORY table contains data on categories of planes including light jet, midsize jet, one way rate, round-trip rate, etc. An AIRCRAFT_CATEGORY may have many aircraft types and many flights associated with it. The data input to this table generally comes from contractor personnel.

Entity AIRCRAFT_FEATURE

Card of the entity AIRCRAFT_FEATURE

Name	AIRCRAFT_FEATURE
Comment	An AIRCRAFT FEATURE table is a "join" table between the AIRCRAFT table and the AIRCRAFT_FEATURE_TYPE table. An aircraft may have many feature types and each feature type can belong to many aircraft. This necessitates a "many to many" relationship between the AIRCRAFT and the AIRCRAFT_FEATURE _TYPE tables and this relationship results in this AIRCRAFT_FEATURE table. A typical example of a feature would be TV, restroom, leather seats, etc.

Entity AIRCRAFT_FEATURE_TYPE

Card of the entity AIRCRAFT_FEATURE_TYPE

Name	AIRCRAFT_FEATURE_TYPE
Comment	An AIRCRAFT_ FEATURE_TYPE contains the aircraft feature name. An AIRCRAFT_FEATURE_TYPE may have many aircraft associated with it. The data input to this table generally comes from contractor personnel.

Entity AIRCRAFT_FILTER

Card of the entity AIRCRAFT_FILTER

Name	AIRCRAFT_FILTER
Comment	An AIRCRAFT_FILTER table is a list of tail numbers corresponding to aircraft that were omitted from the active/proposed/landed flight tracking system. Each entry in this table may be a Structured Query Language ("SQL") "like" expression that may be matched against any new real-time flight information received by the system.

Entity AIRCRAFT_HISTORY

Card of entity AIRCRAFT_HISTORY

Name	AIRCRAFT_HISTORY
Comment	An AIRCRAFT_HISTORY table is used to track customer and contractor feedback about an aircraft. The data input to this table generally comes from contractor personnel.

Entity AIRCRAFT_PHOTO

Card of the entity AIRCRAFT_PHOTO

Name	AIRCRAFT_PHOTO
Comment	An AIRCRAFT may have many AIRCRAFT_PHOTOs associated with it. The photos for an aircraft are kept in the AIRCRAFT_PHOTO table as a Binary Large Object ("BLOB"). Their order (most important to less important) is governed by an AIRPHO_ORDER flag.

Entity AIRCRAFT_SAVED_SEARCH

Card of the entity AIRCRAFT_SAVED_SEARCH

Name	AIRCRAFT_SAVED_SEARCH
Comment	This is an envelope table for a saved search. It may have a

	"one-to-many" relationship with the AIRCRAFT_SAVED_SEARCH_DETAIL table, where the parameters for the search are stored. A search name and search time frame that applies to all detail parameters may be saved in this table. A MAP_LAYER may point to a saved search to indicate that the particular layer will contain the results of a newly executed "saved search".

Entity AIRCRAFT_SAVED_SEARCH_DETAIL

Card of the entity AIRCRAFT_SAVED_SEARCH_DETAIL

Name	AIRCRAFT_SAVED_SEARCH_DETAIL
Comment	AIRCRAFT_SAVED_SEARCH_DETAIL is a table for each parameter of a saved search. Each parameter contains information necessary in order to save the details for an active/proposed/landed/one-way or transient flight search. Parameters for all the statuses are the same and may include: current position, home base, departure position, destination position, ARGUS rating, plane type, features, etc.

Entity AIRCRAFT_SUB_CATEGORY

Card of the entity AIRCRAFT_SUB_CATEGORY

Name	AIRCRAFT_SUB_CATEGORY
Comment	This table is necessary to further categorize light, medium, heavy jets into light slow/light fast, medium slow/medium fast, etc. It is a detailed sub- table of the AIRCRAFT_CATEGORY table.

Entity AIRCRAFT_SUB_CATEGORY_SPEED

Card of the entity AIRCRAFT_SUB_CATEGORY_SPEED

Name	AIRCRAFT_SUB_CATEGORY_SPEED
Comment	For each entry in the AIRCRAFT_SUB_CATEGORY table there may be an associated speed of aircraft for a given hour of a flight. In the first hour, planes are generally slower, in the second hour, a little faster and then speed remains substantially constant until descent. So each sub category can have a list of hours for which there is a speed recorded. This table is a detailed sub-table of the AIRCRAFT_SUB_CATEGORY.

Entity AIRCRAFT_TYPE

Card of the entity AIRCRAFT_TYPE

Name	AIRCRAFT_TYPE
Comment	An AIRCRAFT_TYPE table contains an aircraft type name, the aircraft model name and the aircraft manufacturer's name. An AIRCRAFT_TYPE may have many aircraft and one aircraft category associated with it. An AIRCRAFT_TYPE may have been last updated by one data source.

Entity AIRCRAFT_WATCH_LIST

Card of the entity AIRCRAFT_WATCH_LIST

Name	AIRCRAFT_WATCH_LIST
Comment	An AIRCRAFT_WATCH_ LIST table includes a static list of aircraft tail numbers. The table allows contractor personnel to group certain aircraft together for constant monitoring and/or tracking. Each AIRCRAFT_SAVED_SEARCH entity may be associated with an AIRCRAFT_WATCH _LIST in order to indicate the last search result. In this manner, if the search is marked as a real-time search (which means it will

	periodically be re-executed) the new result may be compared to an old result such that contractor personnel will be notified only of the new aircraft which may then be added to the associated AIRCRAFT_WATCH_LIST. A static fleet of aircraft, such as a competitor's aircraft or a partner carrier's aircraft may be easily monitored with this functionality.

Entity AIRCRAFT_WATCH_LIST_DETAIL

Card of the entity AIRCRAFT_WATCH_LIST_DETAIL

Name	AIRCRAFT_WATCH_LIST_DETAIL
Comment	An AIRCRAFT_WATCH_LIST_DETAIL table is used to save the actual aircraft identifications (AIRCRAFT_ID) of the "watched" tail numbers. An AIRCRAFT_WATCH_LIST entry has many AIRCRAFT_WATCH_LIST_DETAILs. In this way, the AIRCRAFT_WATCH_LIST contains an "envelope" of information for the watch list, and the AIRCRAFT_WATCH_LIST_DETAIL table contains all of the watched aircraft.

Entity AIRPORT

Card of the entity AIRPORT

Name	AIRPORT
Comment	An AIRPORT table contains data on all airports world-wide; Such as, airport code, address, runway length, etc. An AIRPORT may be the base for many aircraft and may have many transient planes and many airport services associated with it. An AIRPORT may have in one city and one time zone associated with it. An AIRPORT may have been last updated by one data source. The data input to this table

	generally comes from the ACG software and contractor personnel.

Entity AIRPORT_SERVICE

Card of the entity AIRPORT_SERVICE

Name	AIRPORT_SERVICE
Comment	An AIRPORT_SERVICE table contains the airport service name and notes. An AIRPOR_ SERVICE may have many airports and one airport service type associated with it. The data input to this table generally comes from the ACG software and contractor personnel.

Entity AIRPORT_SERVICE_JOIN

Card of the entity AIRPORT_SERVICE_JOIN

Name	AIRPORT_SERVICE_JOIN
Comment	An AIRPORT_SERVICE_JOIN table is an internal table that allows a "many to many" relationship between airports and airport services. It contains primary keys from the airport table and the airport services table. An AIRPORT_SERVICE_JOIN table may have many telephone numbers, an airport and an airport service associated with it. The data to this table generally comes from the ACG software and contractor personnel.

Entity AIRPORT_SERVICE_TYPE

Card of the entity AIRPORT_SERVICE_TYPE

Name	AIRPORT_SERVICE_TYPE
Comment	An AIRPORT_SERVICE_TYPE table contains the airport service type name such as fixed base operations ("FBO"), limo service, etc. An AIRPORT_ SERVICE_TYPE may have many

	airport services associated with it. The data input to this table generally comes from contractor personnel.

Entity ARGUS_AUDIT

Card of the entity ARGUS_AUDIT

Name	ARGUS_AUDIT
Comment	An ARGUS_AUDIT table contains audit data for a service carrier, such as part 135 certificate number and a date of an audit. An ARGUS_AUDIT table may have many types of argus audit data and only one service carrier associated with it. The data input to this table generally comes from the ARGUS software.

Entity ARGUS_AUDIT_DATA

Card of the entity ARGUS_AUDIT_DATA

Name	ARGUS_AUDIT_DATA
Comment	An ARGUS_AUDIT_DATA table contains audit data for an aircraft including and aircraft tail number, serial number, total time on the aircraft's engines, etc. The data input to this table generally comes from the ARGUS software.

Entity ARGUS_RATING_NAME

Card of the entity ARGUS_RATING_NAME

Name	ARGUS_RATING_NAME
Comment	An ARGUS_RATING_NAME table contains reference names for Argus ratings (e.g., silver, platinum, etc.).

Entity BLACK_LIST_HISTORY

Card of the entity BLACK_LIST_HISTORY

Name	BLACK_LIST_HISTORY
Comment	An aircraft or service carrier can be blacklisted. Instead of having a field in the CARRIER or AIRCRAFT tables, a separate table is provided to keep a history of all "blacklisting" events.

Entity BLACK_LIST_REASON_TYPE

Card of the entity BLACK_LIST_REASON_TYPE

Name	BLACK_LIST_REASON_TYPE
Comment	A BLACK_LIST_REASON_TYPE table contains the reason type name. It may have many black list histories associated with it. The data input to this table generally comes from contractor personnel.

Entity CALENDAR_EVENT

Card of the entity CALENDAR_EVENT

Name	CALENDAR_EVENT
Comment	A CALENDAR_EVENT table contains a date and an explanation of each event on contractor or contractor personnel calendar.

Entity CARD_BALANCE

Card of the entity CARD_BALANCE

Name	CARD_BALANCE

Comment	A CARD_BALANCE table holds the last know money balance for a travel card in accordance with a particular date. Data is input to this table automatically, via an accounting application.

Entity CARRIER

Card of the entity CARRIER

Name	CARRIER
Comment	A CARRIER table contains data on all service carriers (or other aircraft service providers) world-wide including name, web site, insurance certificate, ARGUS rating, etc. A CARRIER may have many addresses associated with it, many aircraft, many contacts, many notes, many e-mail addresses, many telephones, many flight legs, and many ARGUS audits associated with it. A CARRIER may be black listed many times, or may be a preferred service carrier many times. A CARRIER may fly one type of plane and may have one corresponding entry in a public operator. A CARRIER may have been last updated by one data source. The data input to this table generally comes from the ACG software and contractor personnel.

Entity CARRIER_CONTACT

Card of the entity CARRIER_CONTACT

Name	CARRIER_CONTACT
Comment	A CARRIER_CONTACT table contains data on an service carrier's contact name and position. A

	CARRIER_CONTACT may have many e-mail addresses and many telephone numbers associated with it. A CARRIER_CONTACT may be a contact for one service carrier and may have been last updated by one data source. The data input to this table generally comes from the ACG software and contractor personnel.

Entity CARRIER_NOTE

Card of the entity CARRIER_NOTE

Name	CARRIER_NOTE
Comment	A CARRIER_NOTE table contains notes for a service carrier. A CARRIER_NOTE may have one service carrier associated with it. The data input to this table generally comes from contractor personnel.

Entity CATERING_PREFERENCE

Card of the entity CATERING_PREFERENCE

Name	CATERING_PREFERENCE
Comment	A CATERING_PREFERENCE table holds catering preferences for customers. Data is input to this table by contractor personnel.

Entity CERTIFICATE_HOLDER

Card of the entity CERTIFICATE_HOLDER

Name	CERTIFICATE_HOLDER

Comment	A CERTIFICATE_HOLDER table receives important information from an auditing partner, such as ARGUS. The table represents all of the carriers that ARGUS has audited on behalf of the contractor. This table also shares a relationship with the AIRCRAFT table in order to indicate which AIRCRAFT ARGUS believes a particular carrier operates.

Entity CITY

Card of the entity CITY

Name	CITY
Comment	A CITY table contains a city name. A CITY may have many addresses, many airports and one state associated with it. The data input to this table generally comes from the ACG software and contractor personnel.

Entity COMPETITIVE_SAVINGS

Card of the entity COMPETITIVE_SAVINGS

Name	COMPETITIVE_SAVINGS
Comment	A COMPETITIVE_SAVINGS table is used to track the amount of money a customer and/or travel card has saved against the competition up to a given date.

Entity CONTACT_TYPE

Card of the entity CONTACT_TYPE

Name	CONTACT_TYPE
Comment	A CONTACT_TYPE table is a reference table that includes a list of each type of contact (e.g., spouse, child, president, etc.). It shares an entity relationship with the CARRIER and CUSTOMER tables.

Entity COUNTRY

Card of the entity COUNTRY

Name	COUNTRY
Comment	A COUNTRY table contains the country name and abbreviation. A COUNTRY may have many states associated with it. The data input to this table generally comes from the ACG software and contractor personnel.

Entity CREDIT_CARD

Card of the entity CREDIT_CARD

Name	CREDIT_CARD
Comment	A CREDIT_CARD table contains the credit card number and expiration date of a credit card. A CREDIT_CARD may have many flights associated with it. A CREDIT_CARD may have an address, a credit card type, and a customer associated with it and may have been last updated by one data source. The data input to this table generally comes from contractor personnel.

Entity CREDIT_CARD_TYPE

Card of the entity CREDIT_CARD_TYPE

Name	CREDIT_CARD_TYPE
Comment	A CREDIT_CARD_TYPE table contains the name (Visa, Mastercard, etc.) of a credit card. A CREDIT_CARD_TYPE may have many credit cards associated with it. The data input to this table generally comes from contractor personnel.

Entity CUSTOMER

Card of the entity CUSTOMER

Name	CUSTOMER
Comment	A CUSTOMER table contains data on all customers world-wide including name, company, if any, business title, if any, etc. A CUSTOMER have many addresses, many credit cards, many contacts, many notes, and many e-mail addresses associated with it. A CUSTOMER may also have many flights, many telephone numbers, many travel cards, and many cases associated with it. A CUSTOMER may have a reference and a type associated with it and may have been last updated by one data source. The data input to this table generally comes from contractor personnel.

Entity CUSTOMER_ACTION_HISTORY

Card of the entity CUSTOMER_ACTION_HISTORY

Name	CUSTOMER_ACTION_HISTORY
Comment	A CUSTOMER_ACTION_HISTORY table contains history information about customer actions; such as the date a customer account was created, a date service for the customer was initiated or is due, the date service is completed, who a service request has been assigned to, etc.

	A CUSTOMER_ACTION_HISTORY table may have a customer case, an action type and a user (a contractor or contractor personnel) associated with it. The data input to this table generally comes from contractor personnel.

Entity CUSTOMER_CASE

Card of the entity CUSTOMER_CASE

Name	CUSTOMER_CASE
Comment	The CUSTOMER_CASE table contains a customer case name and customer case creation date. A CUSTOMER_CASE may have many customer action histories associated with it, one customer and one user associated with it. The data input to this table generally comes from contractor personnel.

Entity CUSTOMER_CONTACT

Card of the entity CUSTOMER_CONTACT

Name	CUSTOMER_CONTACT
Comment	A CUSTOMER_CONTACT table contains data on the contact's name and title. A CUSTOMER_CONTACT may have many e-mail addresses and many telephone numbers associated with it. A CUSTOMER_CONTACT may have one customer associated with it and may have been last updated by one data source. The data input to this table generally comes from contractor personnel.

Entity CUSTOMER_FEEDBACK

Card of the entity CUSTOMER_FEEDBACK

Name	CUSTOMER_FEEDBACK

Comment	A CUSTOMER_FEEDBACK table contains feedback from a particular customer with respect to a flight.

Entity CUSTOMER_FEEDBACK TOPIC

Card of the entity CUSTOMER_FEEDBACK TOPIC

Name	CUSTOMER_FEEDBACK_TOPIC
Comment	A CUSTOMER_FEEDBACK_TOPIC table is a reference table that contains topics from customer feedback postcards (e.g., quality of catering, aircraft condition, etc.).

Entity CUSTOMER_FEEDBACK_TOPIC_JOIN

Card of entity CUSTOMER_FEEDBACK_TOPIC_JOIN

Name	CUSTOMER_FEEDBACK_TOPIC_ JOIN
Comment	A CUSTOMER_FEEDBACK_TOPIC_ JOIN table is a table that allows a many-to-many entity relationship between CUSTOMER_FEEDBACK and CUSTOMER_FEEDBACK_TOPIC tables.

Entity CUSTOMER_NOTE

Card of the entity CUSTOMER_NOTE

Name	CUSTOMER_NOTE
Comment	A CUSTOMER_NOTE table contains a note. A CUSTOMER_NOTE may have one customer and a user that created the note associated with it. A CUSTOMER_NOTE may have been last updated by one data source. The data input to this table generally comes from contractor personnel.

Entity CUSTOMER_TYPE

Card of the entity CUSTOMER_TYPE

Name	CUSTOMER_TYPE
Comment	A CUSTOMER_TYPE table contains the customer type name. A CUSTOMER_TYPE may have many customers associated with it. The data input to this table generally comes from contractor personnel.

Entity DATA_SOURCE

Card of the entity DATA_SOURCE

Name	DATA_SOURCE
Comment	A DATA_SOURCE table contains a data source name. It is a mechanism used in many tables to show which data source last updated the information in the table. A DATA_SOURCE may have many aircraft, many service carriers, many airports, many service carrier contacts, many e-mails, many addresses, many telephones, many customers, many customer notes, many customer contacts, many credit cards, many one way aircraft, many transient aircraft and many aircraft types associated with it. The data input to this table generally comes from contractor personnel.

Entity DEDUCTION_TYPE

Card of the entity DEDUCTION_TYPE

Name	DEDUCTION_TYPE
Comment	A DEDUCTION_TYPE table holds values for different types of deductions that can be applied to the balance associated with a customer or travel card. Data input to this table comes from contractor personnel.

Entity EMAIL

Card of the entity EMAIL

Name	EMAIL
Comment	A EMAIL table contains the email address and a primary email address indicator. An EMAIL may have one customer, one service carrier, one service carrier contact, or one customer contact associated with it. An EMAIL may have been last updated by one data source. The data input to this table generally comes from the ACG software and contractor personnel.

Entity EVENT_TYPE

Card of the entity EVENT_TYPE

Name	EVENT_TYPE
Comment	An EVENT_TYPE table holds customer and contractor feedback types to be used in relation with an AIRCRAFT_HISTORY table.

Entity FLIGHT

Card of the entity FLIGHT

Name	FLIGHT
Comment	A FLIGHT table contains information about a flight including the start and end times, a round-trip indicator, a number of passengers, etc. A FLIGHT may have many flight legs and many travel card histories associated with it. A FLIGHT may also have a customer, a user, a flight state, a travel card, a credit card and an aircraft category associated with it. The data input to this table generally comes from contractor personnel.

Entity FLIGHTLEG_ALTERNATE

Card of the entity FLIGHTLEG_ALTERNATE

Name	FLIGHTLEG_ALTERNATE
Comment	A FLIGHTLEG_ALTERNATE table is associated with one or more a FLIGHT_LEG tables. Each FLIGHT_LEG may have many FLIGHTLEG_ALTERNATEs. If there is a cancellation or mechanical problem associated with a FLIGHT_LEG, a contractor already has a record of multiple equally suited aircraft which may be used as an alternative.

Entity FLIGHT_DATA

Card of the entity FLIGHT_DATA

Name	FLIGHT_DATA
Comment	A FLIGHT_DATA table contains data on all flights tracked by the FAA (a filed or recorded flight plan). It contains information such as a tail number, flight status, origin and destination airports, start and end times and current positional information such as longitude, latitude, altitude, heading and speed. This information is received by satellite every 3 minutes or less and is processed into the system's normalized database. The data input to this table come from the RLM software.

Entity FLIGHT_LANDING

Card of the entity FLIGHT_LANDING

Name	FLIGHT_LANDING
Comment	A FLIGHT_LANDING table is populated by system software that processes flights from the FLIGHT_DATA table with a flight status of "L". It contains information such as tail number, origin and destination airport, start and end times and a date and time of the landing (in ZULU format).

Entity FLIGHT_LEG

Card of the entity FLIGHT_LEG

Name	FLIGHT_LEG
Comment	A FLIGHT_LEG table contains data such as origin and destination airport, start and end times, service carrier quote, etc. A FLIGHT_LEG may have many grouped flights, many one ways flights, many aircraft watch lists, and many aircraft saved searches associated with it. A FLIGHT_LEG may have one aircraft, one service carrier, one flight and one upgrade type associated with it. The data input to this table

	generally comes from contractor personnel.

Entity FLIGHT_STATE

Card of the entity FLIGHT_STATE

Name	FLIGHT_STATE
Comment	A FLIGHT_STATE table contains the flight state name. The flight state may have many flights associated with it. The data input to this table generally comes from contractor personnel.

Entity FRACTIONAL_AIRCRAFT_JOIN

Card of the entity FRACTIONAL_AIRCRAFT_JOIN

Name	FRACTIONAL_AIRCRAFT_JOIN
Comment	A FRACTION_AIRCRAFT_JOIN table is an internal table that allows a "many to many" relationship between fractional aircraft and fractional companies. It links an aircraft with a fractional company, so ultimately one aircraft can be linked to many companies and one company can be linked to many aircraft.

Entity FRACTIONAL_COMPANIES

Card of the entity FRACTIONAL_COMPANIES

Name	FRACTIONAL_COMPANIES
Comment	A FRACTIONAL_COMPANIES table contains the name of a fractional company. It may have many fractional aircraft associated with it. The data input to this table generally comes from contractor personnel.

Entity FRACTIONAL_OWNERS

Card of the entity FRACTIONAL_OWNERS

Name	FRACTIONAL_OWNERS
Comment	A FRACTIONAL_OWNERS table includes a list of a contractor's fractional ownership competitors. Each aircraft in the contractor's inventory may be tracked as to whether it is also used by these fractional ownership companies. The contractor may then conduct a competitive analysis with respect to particular situations.

Entity GLOBAL_PARAMETERS

Card of the entity GLOBAL_PARAMETERS

Name	GLOBAL_PARAMETERS
Comment	A GLOBAL_PARAMETERS table is used to store all of the contractor's persistent global parameters, such as strings, colors, labels, numbers, monetary values, taxes, and percentages. These values are not hard-coded into software and thus can be modified at run-time by just changing the appropriate database fields. The USER_PARAMETERS table shares a relationship to this table in that it "inherits" from this table. The software of the system has certain functions that look for a "per user" value of the user parameters and, if it cannot find any, the software functions will default to the global parameters.

Entity GROUND_TRANSPORTATION

Card of the entity GROUND_TRANSPORTATION

Name	GROUND_TRANSPORTATION

Comment	A GROUND_TRANSPORTATION table includes information related to the type of ground transportation that may be supplied for a flight leg (e.g., who is meeting the plane, this person's phone number, etc.).

Entity GROUND_TRANSPORTATON_TYPE

Card of the entity GROUND_TRANSPORTATION_TYPE

Name	GROUND_TRANSPORTATION_ TYPE
Comment	A GROUND_TRANSPORTATION_ TYPE table is a reference table that includes the types of ground transportation to be supplied for a flight leg (e.g., car service, taxi, private party, etc.).

Entity GROUPED_FLIGHT

Card of the entity GROUPED_FLIGHT

Name	GROUPED_FLIGHT
Comment	A GROUPED_FLIGHT table contains data such as the time a group flight is created and an overall cost of the group flight. A GROUPED_FLIGHT may have many flight legs associated with it. The data input to this table generally comes from contractor personnel.

Entity GROUPED_FLIGHT_JOIN

Card of the entity GROUPED_FLIGHT_JOIN

Name	GROUPED_FLIGHT_JOIN
Comment	A GROUPED_FLIGH_ JOIN table is an internal table that allows a "many to many" relationship between grouped flights and flight legs. It contains primary keys from the GROUP_FLIGHT_TABLE and the FLIGHT_LEG table. The data input to this table generally comes from contractor personnel.

Entity MAP_LAYER

A "layer" is a visualization of the MAP_LAYER entity. Persistent fields in the MAP_LAYER are used to determine the visual characteristics of the layer as well as the elements that are actually displayed via a user interface (for instance, via a user interface of a command center module.) A layer may be a weather overlay layer, a saved search layer (which constitutes search criteria to be executed in order determine which tail numbers are displayed), or a watch list layer (which constitutes a static list of tail numbers to be watched). Further, by employing layers, a given aircraft can be displayed to a user together with its base, departure, and destination airports as well as its route.

Card of the entity MAP_LAYER

Name	MAP_LAYER
Comment	A MAP_LAYER table includes all of the parameters necessary to keep track of a given map layer in the mapping screens of the contractor's command center application. These parameters include visibility, color, font, size, active, proposed, landed, transient, one-way flights and origins, destinations and base airports. This table also includes aspects of labeling.

Entity MARKETING_EVENT

Card of the entity MARKETING_EVENT

Name	MARKETING_EVENT
Comment	A MARKETING_EVENT table may be used to store all marketing events that a contractor has sent to customers, potential customers, and to the public generally.

Entity MARKETING_EVENT_BATCH

Card of the entity MARKETING_EVENT_BATCH

Name	MARKETING_EVENT_BATCH
Comment	A MARKETING_EVENT_BATCH table may be used to split customers, potential customers, and the public generally into batches for a marketing event.

Entity MARKETING_EVENT_CUSTOMERS

Card for the entity MARKETING_EVENT_CUSTOMERS

Name	MARKETING_EVENT_CUSTOMERS
Comment	A MARKETING_EVENT_ CUSTOMERS table may be used to store names or identifications of customers that belong to a marketing event.

Entity MARKETING_EVENT_MEDIUM

Card for the entity MARKETING_EVENT_MEDIUM

Name	MARKETING_EVENT_MEDIUM
Comment	A MARKETING_EVENT_MEDIUM table may be used to store the types of material that should be distributed during a marketing event.

Entity MARKETING_EVENT_TYPE

Card for the entity MARKETING_EVENT_TYPE

Name	MARKETING_EVENT_TYPE
Comment	A MARKETING_EVENT_TYPE table may be used to store different types of marketing events and the SQL used to retrieve customers for a particular type.

Entity ONE_WAY

Card of the entity ONE_WAY

Name	ONE_WAY
Comment	A ONE_WAY table contains the start and end times of a one way flight, the origin and destination airports of the one way flight, a booked indicator, etc. A ONE_WAY is one aircraft on one flight leg and may have been last updated by one data source. The data input to this table generally comes from the ACG software and contractor personnel.

Entity OWNER

Card of the entity OWNER

Name	OWNER
Comment	An OWNER table may be employed as an intermediate import table which specifies all of the aspects of an owner of an aircraft.

Entity PASSENGER

Card of the entity PASSENGER

Name	PASSENGER
Comment	A PASSENGER table may be used to store the names or identifications of passengers that have been included in a flight for a customer. Data is input to this table by contractor personnel.

Entity PASSENGER_MANIFEST

Card of the entity PASSENGER_MANIFEST

Name	PASSENGER_MANIFEST
Comment	A PASSENGER_MANIFEST table may be used to store the names or identifications of all the passengers for each flight leg. A passenger may be an existing customer or a new name associated with a single flight leg. Data is input to this table automatically, via an application.

Entity PLANE_TYPES

Card of the entity PLANE_TYPES

Name	PLANE_TYPES
Comment	A PLANE_TYPES table contains the plane type name. A PLANE_TYPES may have many service carriers associated with it. The data input to this table generally comes from contractor personnel.

Entity PREFERRED_LIST

Card of the entity PREFERRED_LIST

Name	PREFERRED_LIST
Comment	Same as the BLACK_LIST table concept except that this is for indicating a "preferred" status.

Entity PREFERRED_LIST_REASON_TYPE

Card of the entity PREFERRED_LIST_REASON_TYPE

Name	PREFERRED_LIST_REASON_TYPE
Comment	A PREFERRED_LIST_REASON_TYPE table contains the reason type name. It may have many preferred lists associated with it. The data input to this table generally comes from contractor personnel.

Entity PROSPECT_RATING

Card of the entity PROSPECT_RATING

Name	PROSPECT_RATING
Comment	A PROSPECT_RATING table may be used to store values associated with prospective travel card customers.

Entity PUBLIC_AIRCRAFT

Card of the entity PUBLIC_AIRCRAFT

Name	PUBLIC_AIRCRAFT
Comment	A PUBLIC_AIRCRAFT table includes aircraft information. It is an intermediate import table that serves as destination of scheduled imports of information from external data sources. After the information is imported, the values of this table get imported into the AIRCRAFT table with the appropriate DATA_SOURCE flags set.

Entity PUBLIC_AIRPORTS

Card of the entity PUBLIC_AIRPORTS

Name	PUBLIC_AIRPORTS
Comment	A PUBLIC_AIRPORT table includes airport information. It is an intermediate import table that serves as destination of scheduled imports of information from external data sources. After the information is imported, the values of this table get imported into the AIRPORT table with the appropriate DATA_SOURCE flags set.

Entity PUBLIC_AVAILABILITY

Card of the entity PUBLIC_AVAILABILITY

Name	PUBLIC_AVAILABILITY
Comment	A PUBLIC_AVAILABILITY table includes availability information. It is an intermediate import table that serves as destination of scheduled imports of information from external data sources. After the information is imported, the values of this table get imported into the ONE_WAY and/or TRANSIENT tables with the appropriate DATA_SOURCE flags set.

Entity PUBLIC_OPERATOR

Card of the entity PUBLIC_OPERATOR

Name	PUBLIC_OPERATOR
Comment	A PUBLIC_OPERATOR table includes carrier information. It is an intermediate import table that serves as destination of scheduled imports of information from external data sources. After the information is imported, the values of this table get imported into the CARRIER table with the appropriate DATA_SOURCE flags set. Note that while some external sources use the terminology "OPERATOR", contractors may use the term "CARRIERS" to describe the concept of the entity that operationally manages the aircraft.

Entity PUBLIC_STDCRAFT

Card of the entity PUBLIC_STDCRAFT

Name	PUBLIC_STDCRAFT
Comment	A PUBLIC_STDCRAFT table includes information associated with de-normalized aircraft type, aircraft category, aircraft manufacturer, etc. It is an intermediate import table that serves as destination of scheduled imports of information from external data sources. After the information is imported, the values of this table get imported into the AIRCRAFT_TYPE and/or AIRCRAFT_CATEGORY tables with the appropriate DATA_SOURCE flags set.

Entity REFFERRED_BY

Card of the entity REFERRED_BY

Name	REFERRED_BY
Comment	A REFERRED_BY table contains a reference name (Wall St. Journal, etc.). A REFERRED_BY may have many customers associated with it. The data input to this table generally

	comes from contractor personnel.

Entity REPORT

Card of the entity REPORT

Name	REPORT
Comment	A REPORT table includes all reports that may be printed or accessed by contractor personnel. This allows contractor administration to change a report template in the database such that contractor personnel has immediate access to the new report. A report object is contained in a report_template field. Data is input to this table by contractor administration.

Entity SECURITY_LEVEL

Card of the entity SECURITY_LEVEL

Name	SECURITY_LEVEL
Comment	A SECURITY_LEVEL table contains a security level name. A SECURITY_LEVEL may have many users associated with it. The data input to this table generally comes from contractor personnel.

Entity SHIPMENT_METHOD

Card of the entity SHIPMENT_METHOD

Name	SHIPMENT_METHOD
Comment	A SHIPMENT_METHOD table is a reference table that describes various methods a contractor may use to ship things to customers (e.g., FedEx, UPS, etc.).

Entity STANDARD_VERBAGE

Card of the entity STANDARD_VERBAGE

Name	STANDARD_VERBAGE
Comment	A STANDARD_VERBAGE table may be used as a repository of verbiage used in reports and labels.

Entity STATE

Card of the entity STATE

Name	STATE
Comment	A STATE table contains the state name and abbreviation. A STATE may have many cities and one country associated with it. The data input to this table generally comes from the ACG software and contractor personnel.

Entity TELEPHONE

Card of the entity TELEPHONE

Name	TELEPHONE
Comment	A TELEPHONE table contains data on telephone numbers for service carrier contacts, service carriers, customer contacts, customers, and airport services including telephone

	number and a primary telephone number indicator. A TELEPHONE may have one service carrier contact, one service carrier, one customer contact, one customer, may one airport service, and one telephone type associated with it. A TELEPHONE may have been last updated by one data source. The data input to this table generally comes from the ACG software and contractor personnel.

Entity TELEPHONE_TYPE

Card of the entity TELEPHONE_TYPE

Name	TELEPHONE_TYPE
Comment	A TELEPHONE_TYPE table contains a telephone type name. A TELEPHONE_TYPE may have many telephones associated with it. The data input to this table generally comes from the ACG software and contractor personnel.

Entity TIME_ZONE

Card of the entity TIME_ZONE

Name	TIME_ZONE
Comment	A TIME_ZONE table contains a time zone name and its hours (according to ZULU). A TIME_ZONE may have many airports associated with it. The data input to this table generally comes from contractor personnel.

Entity TRANSIENT

Card of the entity TRANSIENT

Name	TRANSIENT
Comment	A TRANSIENT table contains the start and end times of a transient state, booked indicator, etc. A TRANSIENT plane may have one aircraft and one airport associated with it and

	may have been last updated by one data source. The data input to this table generally comes from the ACG software and contractor personnel.

Entity TRAVEL_CARD

Card of the entity TRAVEL_CARD

Name	TRAVEL_CARD
Comment	A TRAVEL_CARD table contains a travel card number. A TRAVEL_CARD may have many travel card customers, many travel card histories, and many flights associated with it. The data input to this table generally comes from contractor personnel.

Entity TRAVEL_CARD_CUSTOMER_JOIN

Card of the entity TRAVEL_CARD_CUSTOMER_JOIN

Name	TRAVEL_CARD_CUSTOMER_JOIN
Comment	A TRAVEL_CARD_CUSTOMER_JOIN table is an internal table that allows a "many to many" relationship between travel cards and customers. It contains primary keys from a TRAVEL_CARD table and a CUSTOMER table as well as a primary travel card indicator for a customer. The data input to this table generally comes from contractor personnel.

Entity TRAVEL_CARD_HISTORY

Card of the entity TRAVEL_CARD_HISTORY

Name	TRAVEL_CARD_HISTORY
Comment	A TRAVE_ CARD_HISTORY table contains the date, amount and deposit indicator for a travel card. A TRAVEL_CARD_ HISTORY may have one travel card and one flight associated with it. The data input to this table generally comes from

	contractor personnel.

Entity TRAVEL_CARD_REFERRAL

Card of the entity TRAVEL_CARD_REFERRAL

Name	TRAVEL_CARD_REFERRAL
Comment	A TRAVEL_CARD_REFERRAL table includes the name or identification of a customer who may refer other customers, such as a primary travel card holder or a customer on a travel card account

Entity UPGRADE_BALANCE

Card of the entity UPGRADE BALANCE

Name	UPGRADE_BALANCE
Comments	An UPGRADE_BALANCE table includes a last known upgrade balance amount associated with a customer or travel card for a given date. Data may be input to this table automatically via an accounting application.

Entity UPGRADE_SAVINGS

Card of the entity UPGRADE_SAVINGS

Name	UPGRADE_SAVINGS

Comment	An UPGRADE_SAVINGS table may be used to track how much money a customer or travel card has saved because of complimentary upgrades up to a given date. Data may be input to this table automatically, via an accounting application.

Entity UPGRADE_TYPE

Card of the entity UPGRADE_TYPE

Name	UPGRADE_TYPE
Comment	A UPGRADE_TYPE table contains an upgrade type name. An UPGRADE_TYPE may have many flight legs associated with it. The data input to this table generally comes from contractor personnel.

Entity USERS

Card of the entity USERS

Name	USERS
Comment	A USERS table contains a contractor personnel name, user-name, password and email address. A USER may have many customer notes, many flights, many customer cases, many customer actions, many aircraft watch lists, many aircraft saved searches, many user map configurations, many user parameters and one security level associated with it. The data input to this table generally comes from contractor personnel.

Entity USER_MAP_CONFIGURATION

Card of the entity USER_MAP_CONFIGURATION

Name	USER_MAP_CONFIGURATION
Comment	A USER_MAP_CONFIGURATION table is an encapsulation of two or more MAP_LAYER tables. In this manner, a user may choose layers A, B, and C as a named configuration and layers D, C, and E as a different one.

Entity USER_PARAMETERS

Card of the entity USER_PARAMETERS

Name	USER_PARAMETERS
Comment	A USER_PARAMETERS table is a table that may "inherit" from the GLOBAL_PARAMETERS table. Any value in the GLOBAL_PARAMETERS table can be over-written on a per user basis in the USER_PARAMETERS table.

Entity WEATHER_LAYER

Card of the entity WEATHER_LAYER

Name	WEATHER_LAYER
Comment	A WEATHER_LAYER table may be used to store weather maps and may be associated with a MAP_LAYER. Any layer that points to a WEATHER_LAYER is meant to exclusively render a weather map in that layer.

Entity WIND_SPEED

Card of the entity WIND_SPEED

Name	WIND_SPEED
Comment	A WIND_SPEED table may be used to perform flight calculations. In order to calculate the head and tail wind components of a flight, one needs to have wind speeds and directions at certain altitudes and coordinates.

Enity ZIP_CODE

Card of the entity ZIP_CODE

Name	ZIP_CODE
Comment	A ZIP_CODE table includes zip code information for all the zip codes in the United States. The table also includes related information such as city, state, county, area code, etc.

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Each of the entities above further includes one or more attributes. For example, an AIRPORT entity may have the following attributes:

AIRPORT	
AIRPOR ID	AUTO ID
AIRPOR_NAME	LONG_NAME
AIRPOR_NUMBER_OF_RUNWAYS	SMALL_NUMBER
AIRPOR_LR_LENGTH	SMALL_NUMBER
AIRPOR_LR_SURFACE	MEDIUM_NUMBER
AIRPOR_ELEVATION	SMALL_NUMBER
AIRPOR_PUBLIC	BOOLEAN
AIRPOR_LATITUDE	COORDINATE
AIRPOR_LONGITUDE	COORDINATE
AIRPOR_ABBREV	SHORT_NAME
AIRPOR_TOWER_NUMBER	MEDIUM_NAME
AIRPOR_FAA_CODE	SHORT_NAME
AIRPOR_ICAO_CODE	SHORT_NAME
AIRPOR_IATA_CODE	SHORT_NAME
AIRPOR_MAP	BMP

Examples of other tools that may be used to develop the database **120** include but are not limited to: Borland Delphi 5.0 Enterprise, Sybase PowerDesignor 7.5, Microsoft Project 2000, Microsoft Visio 2000, Microsoft Visual Sourcesafe 6.0 and Client Tools. By using these software and middleware tools, and the database **120**, a flight command center application is created that enables the contractor **102** and contractor personnel (sometimes referred to herein as "users") to keep track of customers, aircraft, and aircraft service providers; find aircraft and aircraft service providers by providing real-time search criteria; price and schedule flights for customers; keep track of customer flights and flight legs; integrate flight and customer information with an accounting system; keep track of airports and airport and other travel services; keep track of all active, proposed, and landed aircraft in real-time; keep track of all reported one-way and transient aircraft; keep track of status histories; and present reports on all areas of the contractor's business.

Fig. 2 is an illustration of a graphical user interface which may be used to provide private air travel in accordance with another embodiment of the invention. The graphical user interface **200** provides a contractor **102** (or other user) with a screen **201** that will allow the contractor to find and/or enter all information for a customer including one or more credit card numbers, addresses, phone numbers, email addresses, contacts (if the customer is a corporate entity) as well as information regarding the contacts, aircraft preferences, and all other preferences. Through the interface **200,** the contractor may create actions that need to be taken on behalf of a customer, such as sending flight information or other travel information to or for the customer, or sending follow-up information on a particular flight. A contractor can create an action and assign it to someone else to complete, such as to contractor personnel or one or more travel service providers **109**. All the users of the interface **200** (including contractor personnel and administrators) with proper security clearance can view an action task list and see tasks that are assigned to each user.

The graphical user interface **200** also includes an electronic link to a module which provides a flight entry interface (or screen) that allows a contractor or contractor personnel to create a new flight for a customer. Via the flight entry screen, the contractor may select which of the customer's credit cards to charge the flight to, calculate the cost of the flight, and schedule one or more flight legs. The contractor may also view all data related to flights the customer has scheduled with the contractor. Once a flight is created through the flight screen, it is automatically entered into a flight calender which may be displayed by a related interface. Similarly, the contractor may edit data related to a flight and save the changes to the system. The flight calender will automatically be updated in accordance with the changes. The interface includes pull down menus **202, 203, 204, 205, 206,** and **207** that provide a user with electronic links to modules which provide a flight information interface, an airport locator interface, an aircraft locator interface, an administrative information interface, a finance information interface, and a reporting interface respectively.

Fig. 3 is an illustration of an aircraft locator interface for conducting a search using a search and notification module in accordance with another embodiment of the invention. The search and notification module is designed such that, by entering aircraft search criteria, contractor personnel may alleviate themselves of the burden of constantly tracking aircraft. An aircraft search can be performed in a number of modes including an "on-demand" mode and a "real-time" mode. In the real-time mode aircraft searching is performed constantly. An on-demand search executes an aircraft search at a given moment on a one time basis. (However, conducting an on-demand search does not prevent a user form saving the search criteria and re-executing the search at pre-determined intervals.) A real-time search emulates a user re-executing an on-demand search at pre-determined intervals. In this manner, a user may automatically be notified that a new aircraft which satisfies the search criteria has been located. The search criteria for an aircraft search may include: aircraft tail number; desired time frame

of the search; search categories (including flight statuses such as active, proposed, landed, one-way and transient); current position of desired aircraft, base airport location; departure airport location, destination airport location, desired aircraft type; desired aircraft features, desired ARGUS rating of aircraft; and desired aircraft range. Additionally, each of the criteria entered for the search may take one or more values. Thus, a user may select two suitable aircraft types as is shown in the embodiment of Fig. 51.

The interface **300** of Fig. 3 enables a contractor or contractor personnel to view all data related to flight legs that need aircraft, all data related to flights that have been assigned aircraft, and all data related to flights that have been canceled for each day, each week, each month, or any other time period. The interface **300** provides an electronic link to a module which provides an interface **301** for selecting search criteria, a module which provides an interface **302** for viewing search results, a module which provides an interface **303** for creating a watch list for designating particular aircraft to be tracked, and a module which provides an interface **304** for viewing the aircraft tracked via the watch list. As noted above, the search criteria module **301** may also provide an interface **310** for searching for aircraft that have an active or proposed flight status and an interface **311** for searching for aircraft having a landed status. Each of the interfaces **310** and **311** may include a field **305** for entering a search name in order to save search results, a field **306** for entering the name of an airport in order to search for aircraft within a designated radius of the airport, a field **307** for entering the name of a location (airport, city or state) from which a particular aircraft departed, a field **308** for entering the name of a location (airport, city or state) to which a particular aircraft is scheduled to arrive, a field **309** for entering the name of a home base location for an aircraft (airport, city or state), a field **312** for entering a tail number associated with an aircraft, and a field **313** for entering a range, in miles, over which the search should be conducted. The interfaces **310** and **311** may also

provide fields **314** for designating a time frame associated with the search, fields **315** for designating one or more flight status categories associated with the search, fields **316** for designating an aircraft type associated with the search, fields **317** for designating feature associated with an aircraft or flight **317**, and fields **318** for designating one or more ARGUS ratings associated with an aircraft.

Fig. 4 is an illustration of an interface by which a user may view the results of the search conducted in accordance with module **302** of the embodiment of Fig. 3. The interface **400** includes color-coded fields for displaying a flight status **401**, a tail number **402**, an aircraft model number **403**, an aircraft type category **404** (such as heavy jet, turbo propeller aircraft, multiple piston aircraft, etc.), the name of an airport from which an aircraft departed **405**, a name of a city from which an aircraft departed **406**, a name of a state from which an aircraft departed **407**, a name of a destination airport **408**, a name of a destination city **409**, a name of a destination state **410**, a base airport for an aircraft **411**, the name of the city of the base airport **412** and other pertinent information. The interface **400** may also include fields for displaying the number of aircraft found by the search **413** and the number of aircraft selected via the interface **400** for further tracking **414**.

Fig. 5 is an illustration of a aircraft location display interface in accordance with the embodiment of Fig. 3. The aircraft location display interface **500** displays the location of all the aircraft located using the interfaces of Figs. 3 and 4 in, for example, the form of tail numbers **501**. The aircraft location display interface **500** includes a modules **503** and **504** by which a contractor or other user may choose to view the display in grid form (**503**) or map form (**504**). The aircraft display interface **500** may also include a field **505** for entering and displaying the name of a base airport for an aircraft, a field **506** for entering and displaying a geographical radius over which the search was conducted, and field for designating that labels (here in the form of tail numbers) may be shown **507** or overlapped **508**. The aircraft locator display interface may also include a field **509**

for displaying a number of aircraft located as a result of a search.

Fig. 6 is an illustration of airport locator display interface in accordance with the embodiment of Fig. 3. The airport locator display interface **600** is similar to the aircraft locator display interface **500** in all regards except that it is used to display the locations of airports, designed by an airport codes, for example airport codes **602**, that provide connections for flights in association with a particular airport designated by the contractor. The airport locator display interface **600** includes a field **601** for entering and displaying the name of the particular airport designated by the contractor.

Fig. 7 is an illustration of a graphical user interface for tracking one or more aircraft in accordance module **303** of Fig. 3. The interface **700** includes a field **701** for entering a layer name indicating a span of information to be tracked, a field **702** for entering a name of the person requesting the track, and a field **703** for indicating a layer type (such as "saved search" or "saved watch list"). The interface **700** may also include a field **704** for indicating the geographical layer or region over which the tracking should occur (such as major US cities, Mexico, Canada, etc.). A contractor, contractor personnel or other user may indicate one or more geographical layers or regions, for example regions indicated at **707**, over which to track a flight. The interface may further include a field **705** for indicating what properties, such as properties **706**, the user would like to see displayed as a result of the tracking request (such as destination airport, departure airport, base airport, active aircraft, proposed aircraft, landed aircraft, one-way aircraft, transient aircraft, labels, and course.)

Fig. 8 is an illustration of an interface for viewing the aircraft tracked in accordance the embodiment of Fig. 7 and module **304** of Fig. 3. According to this embodiment, a contractor or other user may view one or more aircraft tracked according to information entered through the interface of Fig. 7 over a large area, such as the United States. If a user has indicated a particular geographical region,

the region will be displayed as is illustrated by Fig. 9.

Fig. 10 is an illustration of a web page for providing a graphical user interface to a customer in accordance with another embodiment of the present invention. The graphical user interface **1000** may provide communication links to a plurality of modules, any one of which may be accessed by clicking on one of a plurality of links **1001-1016**. The modules provide graphical user interfaces for among other things, displaying information related to the private air travel contractor, via links **1011-1016** and **1006-1007**, including travel card information (through link **1012**), and information relevant to a private air travel customer's personal account. A customer may also access information regarding flight requests through link **1017**, information regarding weather reports through link **1008**, and information regarding area maps via link **1009**. A customer may access an airport locator through link **1010**.

Additionally, a customer may access a module that provides a request interface containing fields for entering private aircraft travel request information through link **1002**, and access another module that provides a payment interface by which a customer may choose a payment method or access legal information about the private air travel business through link **1005**. A customer may also enter payment information through the interfaces accessed through link **1005**. Other links may be included provide interfaces that will allow a customer to update his or her customer profile information, such as their contact information and catering and flight preferences. Links may also be included to provide interfaces that enable a travel card customer to quickly enter new flight requests and select origin, destination, and aircraft preferences as well as the number of passengers and catering preferences for each leg of a flight. Customers may also be provided with links that enable each customer to track an aircraft or flight. A customer may access an interface that displays frequently asked questions and the answers to those questions through link **1004**.

The interface **1000** may also include an aircraft service provider login to the contractor's system through link **1003**. Via this link, an interface may be provided to enable an aircraft service provider to update the aircraft service provider's profile information and enter future open flight legs and transient flights which will then be immediately available to contractor personnel. Link **1001** may provide access to an interface that includes further information about private air travel.

Fig. 11 is an illustration of a travel card in accordance with an embodiment of the present invention. A travel card **1100** includes a first face **1110** including an identification number **1101** thereon for identifying a customer authorized to use the travel card **1100** and a designation **1102** representing a pre-purchased allotment of aircraft service. The designation **1102** may be in the form of a color, such as gold or platinum, or as shown here, it may be embossed on the first face **1110** of card as is the contractor's name **1103**. The card **1100** may also include, on the first face **1110** or on a second face (not shown) a designation representing a discount rate for private aircraft service or a designation representing a pre-determined number of private aircraft service upgrades that are redeemable at the option of the customer. The first face **1110** or second face may also include a magnetic strip that enables the card to be read by a magnetic strip reader. In a related embodiment, the card **1100** may also include a processor and memory **1104** (generally disposed between the first face **1110** and the second face).

In one embodiment, the memory of the travel card **1100** may retain data pertinent to the customer's private aircraft service preferences, such as entertainment preferences, dining preferences, aircraft preferences, post-flight travel preferences (including hotel accommodations, car rentals, etc.) and pre-flight travel preferences and accommodations (including flight insurance, limo service, etc.). The memory may also retain data pertinent to the customer's medical preferences, including the name of a preferred primary care practitioner

or hospital and treatments. In related embodiments, the processor may include program code for establishing a communication link to a computer network when the code is read by a computer on an aircraft, in a car, at home or in a hotel room. The communication may include an electronic link to the Internet, or an electronic link to a private air travel service contractor via the Internet or other network.

Fig. 12 is a flow chart illustrating a method for providing private air travel in accordance with an embodiment of the present invention. A contractor establishes **1201** a pool of aircraft service providers such as Air Voyager, Jet Corp, East Coast Jets, Air Management, Empire, and others. Though the pool of aircraft service providers may be limitless, it is preferred to direct most private air travel requests to a smaller subset of preferred aircraft service providers within the pool. This insures maximum customer satisfaction in that the aircraft service provider service is known to be reliable and safe. One or more aircraft service requests are obtained **1202** from one or more customers. The customer supplies certain specified parameters such as destination, aircraft type, preferred time of arrival, catering requirements, and entertainment preferences (e.g., music the customer would like to listen to on the flight, movies the customer would like to watch on the flight, reading material the customer would like to have on the flight), etc. An aircraft is selected **1203** from the pool of aircraft service providers in accordance with the parameters supplied by the customer. The aircraft is matched **1204** to the aircraft service request for the performance of the request in a manner that minimizes the occurrence to passenger-less flights as described in greater detail above.

Fig. 13 is a flow chart illustrating the method of Fig. 12 detailing pre-flight procedures. A customer request is received **1301** by the contractor through any communication medium. The request may come via a graphical user interface, such as a web page, via a facsimile machine, via e-mail, via a telephone or via the customer's personal appearance at the contractor's place of business. If the customer is a travel card program participant, the customer will have been

provided with a pre-purchased allotment of private air travel and customer specific flight itineraries will be obtained **1302** from the database **120** and updated if necessary.

As discussed above with respect to Fig. 11, as a member of the travel card program the customer may pre-purchase allotments of private air travel having several different values. For example, the customer may pre-purchase $100,000 of private air travel, $250,000 of private air travel, or $500,000 of private air travel. These three different allotment values may correspond to a travel card that is silver, gold and platinum respectively. Further, by participating in the travel card program the customer may be guaranteed pre-determined hour flight discount rates which are dependent upon the allotment value. The flight discount rates may be determined by the type of aircraft the customer prefers, i.e., a light weight aircraft may have one hourly rate associated with it, a mid-size aircraft may have another hour discount rate associated with it, and a heavy aircraft may have a third discount rate associated with it.

Further, a customer may be guaranteed a predetermined number of flight upgrades which may also be determined by the value of the pre-purchased allotment. Similarly, by participating the travel card program, a customer may be guaranteed a pre-determined number of frequent flyer upgrades and a dedicated customer service representative, both of which may be determined by the value of the pre-purchased allotment of private air travel. The guaranteed hourly flight rate discounts, the pre-determined flight upgrades, the frequent flyer upgrades, and the identification of the dedicated customer service representative may be indicated on a first or second face of the travel card in the manner discussed above. Additionally, the discounts, upgrades and dedicated customer service representative identification may be indicated by information read by a magnetic strip reader, or by information stored in a processor and memory which may be included with the travel card. If the customer is not a travel card program participant, customer specific flight itineraries are obtained **1310** from the

customer and entered into the database **120**.

The contractor will execute a comprehensive search **1303** to find a suitable aircraft that might be available to make the trip. The contractor may focus on finding an aircraft that would have made the trip to the customer's preferred destination without passengers or an aircraft that may be sitting idle at the customer's preferred boarding location. The contractor also focuses on finding aircraft and aircraft service providers that have good safety and maintenance records. Additionally, the contractor will consider the aircraft size, the aircraft's comfort, entertainment and engineering features, the aircraft's passenger capacity, and the aircraft's flight range.

A quote based on the customer's requested itinerary (e.g. type of aircraft, entertainment preferences, etc.) is generated **1304** and delivered **1305** to the customer. The quote is generated using a software package, such as NAVPAK, and the contractor's in-house expertise. The customer can reject the quote, accept the quote, or reject the quote and alter the itinerary. When the quote has been accepted, appropriate aircraft is selected **1306** from one or more alternative aircraft service providers. The aircraft is selected with respect to satisfying mission parameters such as the requested itinerary and price, as well as availability of aircraft.

The contractor then secures **1307** the selected aircraft for the flight. This is accomplished by receiving a confirmation from the aircraft service provider that the aircraft is designated for the flight, and may also include a confirmation that the aircraft and/or flight has been insured. If the customer is not participating in a travel card program provided by the contractor, then the customer's personal preferences (itineraries) are also secured in process **1307**. Finally, a summary of the flight mission is sent **1308** to the aircraft service provider.

Fig. 14 is a flow chart illustrating the method of Fig. 12 detailing post-flight procedures. The aircraft service provider performs the entire flight mission using

the specified aircraft (including flight operations, catering, and aircraft maintenance.) Following performance of the flight mission, an appropriate receivable is generated **1401** in an accounting system. If the customer is participating in the travel card program, the value of the flight mission is debited **1402** from the pre-purchase allotment of private air travel that the customer's card indicates. If not, an invoice may be sent to the customer or a credit card may be charged **1403** directly. An appropriate payable is also generated **1404** to the aircraft service provider and a summary flight status report is obtained **1405.** Payment to the aircraft service provider is facilitated **1406** based on the flight status report and a satisfaction survey form is generated **1407** and sent to the customer.

Figs. 15-52 are graphical user interfaces that may be used in conjunction with a computer based flight center command module in accordance with one embodiment of the invention. Many of the interfaces illustrated in Figs. 15-52 have been provided with annotations, and are generally self-explanatory. These interfaces provide a contractor, contractor personnel or other user with means for accessing the entities of the database described with respect to Fig.1 as well as their related attributes.

Figs. 15-21 are illustrations showing interfaces by which a user may login to the private aircraft contractor's system and navigate through the command center application. Fig. 15 is an illustration showing login icon and Fig. 16 is an illustration showing a login interface by which a user may login into the command center application by providing a password. The user may also designate a database of the system he or she wishes to access. Fig. 17 shows an interface by which a user may change his or her password and update the new password in the system. Fig. 18 is an illustration showing a command center application menu of the flight command center module. Via this menu, a user may access customer and flight information, locate airports and planes, create reports and access financing and accounting information. Fig. 19 illustrates

navigation bars which may be used throughout the command center application. Figs. 20-21 are illustrations showing view and help pull down menus associated with the interface of Fig. 18 and particular to the command center application.

Fig. 22 is an illustration showing a customer information pull down menu associated with the interface of Fig. 18 by which a user may access customer information, travel card information and conduct a customer search. By clicking on "customer" a user is given access to a customer information interface, as shown in Fig. 23. Through the interface of Fig. 23, a user may add and edit information related to one or more customers. By clicking on "customer search" in Fig. 22, a user is given access to a customer search interface, shown in Fig. 24. The interface of Fig. 24 enables a user to search for a customer by name, business name, telephone number, customer type, or prospect rating. Double clicking on any name displayed in accordance with the search result will link the user to the individual customer's information profile as shown in Fig. 23. Through the interface of Fig. 25, a user may add or edit a customer action as well as record notes related to the action. The user may also print a letter to be sent to contractor personnel, aircraft service providers, or the customers. Similarly, a user may print label for the action. Fig. 26 shows an interface by which actions for all customers may be viewed. By double clicking on any row, a user may view the details of the customer action.

Fig. 27 is an illustration of an interface by which a user may input to the database a customer preferences (including a customer's preferred jet, airport, flying times, mode of ground transportation or and catering needs or desires.) Fig. 28 shows a customer references interface whereby a user may assign a current customer as a reference for new customers to provide the new customer or customers with insights into the contractor's service.

Fig. 29 is an illustration showing a complimentary upgrade report by which a user may upgrade customer's aircraft. A customer's aircraft may be upgraded from a light jet to a medium or heavy jet. From a turbo propeller plane

to a jet, etc. Double clicking on a customer name will electronically link a user to a customer information interface by which the user may view and edit customer information through another interface (such as the interface shown in Fig. 23. Double clicking on a flight ID will electronically link the user to a flight information interface by which the user may view and edit flight information through another interface, such as that shown in Fig. 45.

Fig. 30 is an illustration showing an pull down menu associated with the interface of Fig. 18 by which a user may print, view or refresh information related to travel cards. Fig. 31 shows a travel card information interface by which a user may add and edit a customer's travel card details and travel card account history. By this interface a user may add and delete new customers for a particular travel card and create a new travel card for a customer. Fig. 32 is an illustration showing a travel card/customer balance information interface, and Fig. 33 shows a travel card referral interface by which a user may add new travel card referrals, record comments from customers regarding a referral, and record contractor personnel notes regarding the referrals.

Figs. 34-36 are illustrations showing interfaces by which a user may input to the database information related to an aircraft, including a picture of the aircraft and customer or contractor personnel feedback concerning the aircraft. Fig. 37 is an illustration showing an aircraft search interface by which a user may access a search and notification module associated with the flight command module and find an aircraft by city, state, country, phone number, or aircraft service provider name. The interface also provides electronic links to an aircraft information page that includes detailed information about that aircraft. The aircraft information page is created using the interface shown in Fig. 34. Fig. 38 shows an interface by which a user may view aircraft search results. Again, by clicking on any row, the user will gain access to more detailed information regarding the aircraft and flight.

Fig. 39 is an illustration showing an airport information interface by which

a user may input to the database information related to an airport. A user may also view the information related to an airport, including all the known travel services associated with an airport. Fig. 40 is an illustration showing an airport locator interface by which a user may view airport information input to the database in accordance with a map display.

Fig. 41 is an illustration of an interface by which a user may input and edit information related to an aircraft service provider, including the aircraft service provider's name or company name, address and phone number, as well as types of planes the aircraft service provider can provide. A user may also record notes about an aircraft service provider through the interface of Fig. 41, and view the aircraft service provider's ARGUS rating, certification status and certification number. A user may also view information regarding pilots employed or contracted by the aircraft service provider. Fig. 42 shows an aircraft service provider search interface by which a user may search for a carrier by name, city, state, country, or phone number. Search results are also displayed to the user via the interface of Fig. 42, and as was the case with respect to the customer and aircraft search interfaces, double clicking on any row of the search result display will give the user access to the aircraft service provider information interface of Fig. 41 for more detailed information.

Fig. 43 is an illustration showing an address/city selection interface by which a user may find a city, country, or state by name or zip code associated with a customer, carrier, airport or aircraft.

Fig. 44 is an illustration of a flight information pull down menu associated with the interface of Fig. 18. Via this pull down menu, a user may gain access to a flight calender, as shown in Figs. 47-50, a flight worksheet for recording and editing flight information, as shown in Fig. 45, a flight calculator, or a flight report as shown in Fig. 46. Via the flight report interface of Fig. 46, a user may view all flight requests received, quoted, in progress, completed, and canceled including the flight ID, request date, flight start date, and name of the contractor employee

that recorded the request. Double clicking on any field will electronically link the user to an interface whereby the user may view and modify the details of the flight (such as the through the flight worksheet interface shown in Fig. 45.)

Figs. 47-50 are illustrations showing month, day, grid and week views of a flight calendar interface respectively. By double clicking on any entry in the flight calender, a user will gain access to an interface containing more detailed information about that flight or flight leg. Fig. 51 is an illustration showing a flight calendar filter interface by which a user may filtering the flight legs shown in the month, day, grid and week views. Fig. 52 illustrates an option menu by which a user may print views of the calendar, hide flight legs so that they will not be seen in a calendar view, refresh the calendar to show recently added or modified flights, and add non-flight events to the calendar.

Although the embodiments hereinbefore described are preferred, many modifications and refinements which do not depart from the true spirit and scope of the invention may be conceived by those skilled in the art. It is intended that all such modifications, including but not limited to those set forth above, be covered by the following claims.

What is claimed is:

1. A method for providing private air travel to a customer, the method comprising:

establishing a pool of aircraft service providers;

obtaining aircraft service requests from a plurality of customers, each aircraft service request containing a set of customer-specified parameters;

selecting from the pool of aircraft service providers one or more aircraft that conform to each set of customer-specified parameters; and

matching aircraft to the aircraft service requests in accordance with the customer-specified parameters in a manner that minimizes the occurrence of passenger-less flights.

2. A method according to claim 1, further comprising receiving confirmation from an aircraft service carrier of the availability of aircraft for the aircraft service request.

3. A method according to claim 1, wherein the aircraft service requests are obtained through a web page.

4. A method according to claim 1, further comprising providing a travel card to one or more of the customers wherein the travel card represents pre-purchased amount of private aircraft service.

5. A method according to claim 4, wherein the travel card provides access to a private air travel contractor.

6. A method according to claim 1, further comprising responding to an aircraft service request within a guaranteed time interval.

7. A travel card for providing private air travel to a customer, the travel card comprising a first face and a second face, the first face including thereon an identification number for identifying a customer authorized to use the travel card and a designation representing a pre-purchased allotment of

private aircraft service.

8. A travel card according to claim 7, wherein the first face or the second face includes thereon a designation representing a pre-determined number of private aircraft service flight upgrades that are redeemable at the option of the customer.

9. A travel card according to claim 7, wherein the first face or the second face includes thereon a magnetic strip that enables the card to be read by a magnetic strip reader.

10. A travel card according to claim 7, further comprising a processor and a memory disposed between the first face and the second face.

11. A travel card according to claim 10, wherein the memory retains data pertinent to the customer's private aircraft service preferences.

12. A travel card according to claim 10, wherein the memory retains data pertinent to the customer's medical preferences.

13. A travel card according to claim 10, wherein the memory retains data pertinent to the customer's medical conditions.

14. A travel card according to claim 11, wherein the data includes a record of the customer's entertainment preferences.

15. A travel card according to claim 11, wherein the data includes a record of the customer's dining preferences.

16. A travel card according to claim 10, wherein the memory retains data pertinent to the customer's post-flight travel preferences.

17. A travel card according to claim 10, wherein the memory retains data pertinent to the customer's pre-flight travel preferences.

18. A travel card according to claim 10, wherein the processor includes program code for establishing a communication link to a computer network when the program code is read by a computer.

19. A travel card according to claim 18, wherein the network is the Internet.

20. A travel card according to claim 18, wherein the network provides a communication link to a private air travel contractor.

21. A graphical user interface for providing private air travel to a customer, the graphical user interface comprising:

a request module, the request module providing a request interface containing fields for the customer to enter private aircraft travel request information;

a selection module, the selection module providing a selection interface for displaying to the customer information regarding availability of aircraft satisfying the customer's travel requests information and permitting the customer to select an aircraft; and

a payment module, the payment module providing a payment interface containing fields for the customer to enter private aircraft travel payment information.

22. A graphical user interface according to claim 21, further comprising:

a tracking module, the tracking module providing a tracking interface for displaying information regarding a flight status to the customer.

23. A graphical user interface according to claim 21, further comprising:

an account module, the account module providing an account interface for displaying information relevant to the private air travel customer's personal account.

24. A graphical user interface according to claim 21, wherein the payment interface contains a field for entering a payment method.

25. A graphical user interface according to claim 21, wherein the payment interface contains a field for entering a credit card number.

26. A graphical user interface according to claim 21, wherein the payment

interface contains a field for entering a travel card number.

27. A graphical user interface according to claim 21, wherein the payment interface contains a field for entering a checking account number and a field for entering a check number.

28. A graphical user interface according to claim 23, wherein the account interface displays an account balance.

29. A graphical user interface according to claim 23, wherein the account interface displays an itemization of account activity.

30. A graphical user interface according to claim 21, wherein the selection interface displays a selection of aircraft.

31. A graphical user interface according to claim 21, wherein the selection interface displays a selection of flight times.

32. A graphical user interface according to claim 21, wherein the graphical user interface is accessed through a web page.

33. A graphical user interface for providing private air travel to a plurality of customer, the graphical user interface comprising:

a search module, the search module providing an interface whereby a user may locate, in substantially real time, an aircraft that satisfies travel requirements of each customer; and

a tracking module, the tracking module providing an interface whereby the user may track the flight progress of one or more aircraft that may satisfy travel requirements of each customer.

34. A graphical user interface according to claim 33, wherein the tracking module displays information related to an aircraft's registration number.

35. A graphical user interface according to claim 33, wherein the tracking module displays information regarding an aircraft's speed.

36. A graphical user interface according to claim 33, wherein the tracking module displays information regarding an aircraft's make and model.

37. A graphical user interface according to claim 33, wherein the tracking module displays information regarding an aircraft's altitude.

38. A graphical user interface according to claim 33, wherein the tracking interface displays information regarding an aircraft's position.

39. A graphical user interface according to claim 33, wherein the tracking interface displays information regarding an aircraft's destination.

40. A graphical user interface according to claim 33, wherein the tracking interface displays information regarding an aircraft's estimated time of arrival.

41. A graphical user interface according to claim 33, wherein the tracking interface displays information regarding an aircraft's origin.

42. A graphical user interface according to claim 33, wherein the tracking interface displays a location of at least one airport at which the aircraft may land.

43. A graphical user interface according to claim 33, further comprising:

a flight entry module, the flight entry module providing an interface containing fields whereby the user may create a flight for each customer, the flight entry module generating an interface for displaying a calender of updated flights in accordance with the entry of each flight created.

44. A graphical user interface according to claim 33, further comprising:

a flight information module, the flight information module providing an interface for displaying to the user information regarding aircraft availability.

45. A graphical user interface according to claim 33, further comprising:

a payment module, the payment module providing a payment

interface containing fields whereby the user may enter customer payment information.

46. A graphical user interface according to claim 33, further comprising:

a report module, the report module providing an interface whereby a user may generate a flight report.

47. A graphical user interface according to claim 33, wherein the tracking module provides an interface wherein a user may create a watch list for tracking one or more aircraft.

48. A system for providing private air travel to a customer, the system comprising:

means for communicating with a plurality of aircraft service providers, the aircraft service providers supplying a plurality of aircraft types from a plurality of locations; and

means for communicating with a plurality of customers, each of the customers providing an itinerary for private air travel, such that at least one aircraft from the plurality of aircraft service providers is matched to the itinerary in a manner that minimizes the occurrence of passenger-less flights.

49. A system according to claim 48, further comprising means for communicating with a database, the database providing, under corresponding program control:

data pertinent to active flights;

data pertinent to proposed flights;

data pertinent to landed flights;

data pertinent to one-way flights; and

data pertinent to transient flights.

50. A system according to claim 49, wherein the database further provides:

data pertinent to aircraft types;

data pertinent to aircraft safety;

51. A system according to claim 49, wherein the database further provides:

data pertinent to aircraft service providers; and

data pertinent to aircraft service provider safety.

52. A system according to claim 49, wherein the database further provides:

data pertinent to pilot safety histories;

data pertinent to pilot training histories.

53. A system according to claim 49, wherein the database further provides data pertinent to travel service providers.

54. A system according to claim 49, wherein the database further provides data pertinent to each of the customers.

55. A system according to claim 48, further comprising means for communicating with at least one satellite dish, the satellite dish providing data to the database.

56. A system according to claim 48, further comprising means for communicating with a network, the network providing data to the database.

57. A system according to claim 48, wherein the means for communicating with the plurality of customers includes means for communicating with one or more travel cards, each travel card having a processor and a memory.

58. A system according to claim 57, wherein each travel card provides access to a plurality of car rental services.

59. A system according to claim 57, wherein each travel card provides access to a plurality of innkeepers.

60. A computer program product for providing a database for providing

private air travel to a customer, the computer program product comprising a computer readable medium having computer code thereon, the computer code comprising:

program code for receiving data regarding aircraft provided by at least one satellite dish and at least one computer network; and

program code for storing the data provided by the satellite dish and the computer network.

61. A computer program product according to claim 60, further comprising:

program code for establishing communication with a plurality of aircraft service providers and receiving data from the aircraft service providers; and

program code for establishing communication with a plurality of customers and receiving data from each of the customers such that data received from each customer may be compared to data received from the aircraft service providers, the satellite dish and the network to provide a flight to each customer.

62. A computer program product according to claim 60, further comprising program code for comparing the data stored in the database with the data received from the satellite dish, the computer network, the aircraft service providers and the customers in order to update the database.

63. A computer program product according to claim 60, further comprising program code for providing an graphical user interface by which a user may provide private air travel to each customer, the interface providing an electronic link to:

a module for recording information corresponding to each customer's flight preferences;

a module for enabling the user to search for an aircraft satisfying the

customer's flight preferences; and

a module for enabling the user to search for an airport satisfying each customer's flight preferences.

64. A computer program product according to claim 63, wherein the interface further provides an electronic link to a module for enabling the user to record each customer's catering preferences.

65. A computer program product according to claim 63, wherein the interface further provides an electronic link to:

a module for accessing and editing each customer's records;

a module for accessing and editing a plurality of aircraft service provider's records, wherein each aircraft service provider provides one or more aircraft; and

a module for accessing and editing aircraft records.

66. A computer program product according to claim 63, wherein the interface further provides and electronic link to a module that provides a geographical view of a location of an aircraft.

67. A computer program product according to claim 63, wherein the interface further provides an electronic link to a module that provides a geographical view of a location of an airport.

68. A computer program product according to claim 63, further comprising program code for tracking the course of an aircraft over time.

69. A computer program product according to claim 63, further comprising program code for providing a graphical user interface by which a user may input criteria corresponding to a tracking request.

70. A computer program product according to claim 63, further comprising program code for providing a graphical user interface by which each customer may enter a private air travel request.

71. A method for providing private air travel to a plurality of customers, the method comprising:

receiving data relevant to a plurality of aircraft owned by a plurality of aircraft service providers, via a first communication link;

receiving data relevant to a plurality of customer service requests via a second communication link;

saving the data received from the first and second communication links to a storage medium;

analyzing the data saved to match at least one aircraft to each customer service request in a manner that minimizes the occurrence of passenger-less flights.

72. A method according to claim 71, wherein the data relevant to the plurality of aircraft is received substantially in real time.

73. A method according to claim 71, wherein the data relevant to the plurality of aircraft is received from a satellite dish.

74. A method according to claim 71, wherein the data relevant to the plurality of aircraft is received from a computer network.

75. A method according to claim 71, wherein the storage medium is a database that, under corresponding program control, analyzes the data saved to match at least one aircraft to each customer service request in a manner that minimizes the occurrence of passenger-less flights.

76. A method for providing travel services including private air travel to a plurality of customers, the method comprising:

providing a pre-purchased allotment of private air travel to one or more of the customers;

receiving a travel service request from each customer, the travel service request including customer-specified flight parameters;

providing an aircraft that satisfies the customer-specified flight parameters for each customer's travel service; and

debiting the value of the travel service from the pre-purchased allotment of private air travel for each customer that is provided with the pre-purchased allotment.

77. A method according to claim 76, wherein providing a pre-purchased allotment of private air travel includes providing a travel card to a customer, the travel card having a first face and a second face, wherein the first or second face includes thereon a designation indicating the pre-purchased allotment of private air travel.

78. A method according to claim 76, wherein providing a pre-purchased allotment of private air travel includes providing a pre-determined number of flight upgrades that are redeemable at the option of the customer.

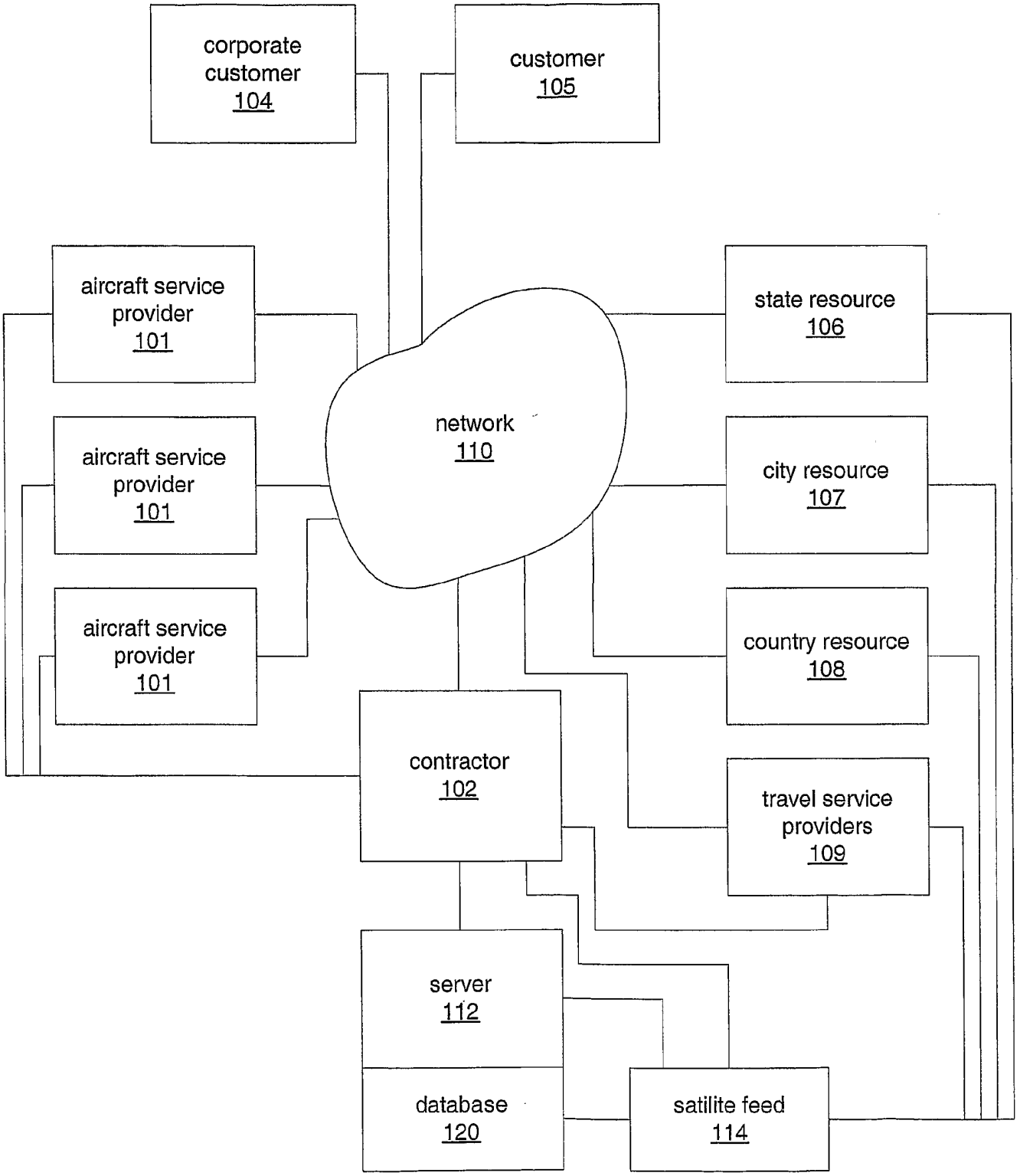
79. A method according to claim 76, wherein providing a pre-purchased allotment of private air travel includes providing a pre-determined number of frequent flyer upgrades that are redeemable at the option of the customer.

80. A method according to claim 76, wherein providing a pre-purchased allotment of private air travel includes providing a dedicated customer service representative.

81. A method according to claim 77, wherein the first or second face of the travel card includes thereon a designation indicating a pre-determined number of flight upgrades that are redeemable at the option of the customer.

82. A method according to claim 77, where the first or second face of the travel card includes thereon a designation indicating a pre-determined number of frequent flyer upgrades that are redeemable at the option of the customer.

83. A method according to claim 77, wherein the first of second face of the travel card includes thereon a designation indicating identification of a dedicated customer service representative.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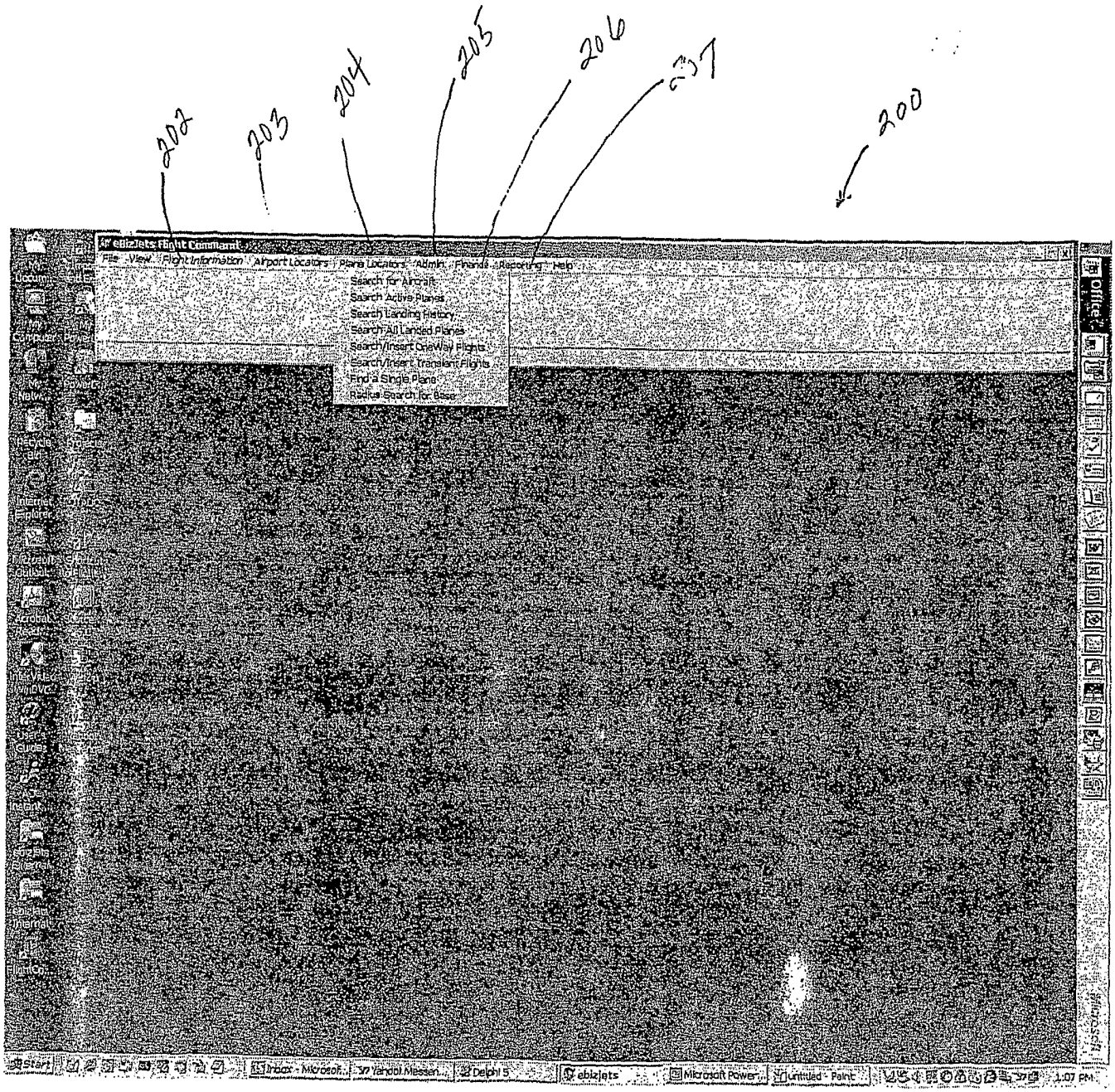
customer 105
aircraft service provider 101
aircraft service provider 101
aircraft service provider 101
network 110
state resource 106
city resource 107
country resource 108
contractor 102
travel service providers 109
server 112
database 120
satilite feed 114

Fig. 1


202
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eBizJets Flight Command
File View Flight Information Airport Locators Plane Locators Admin Finance Recording Help
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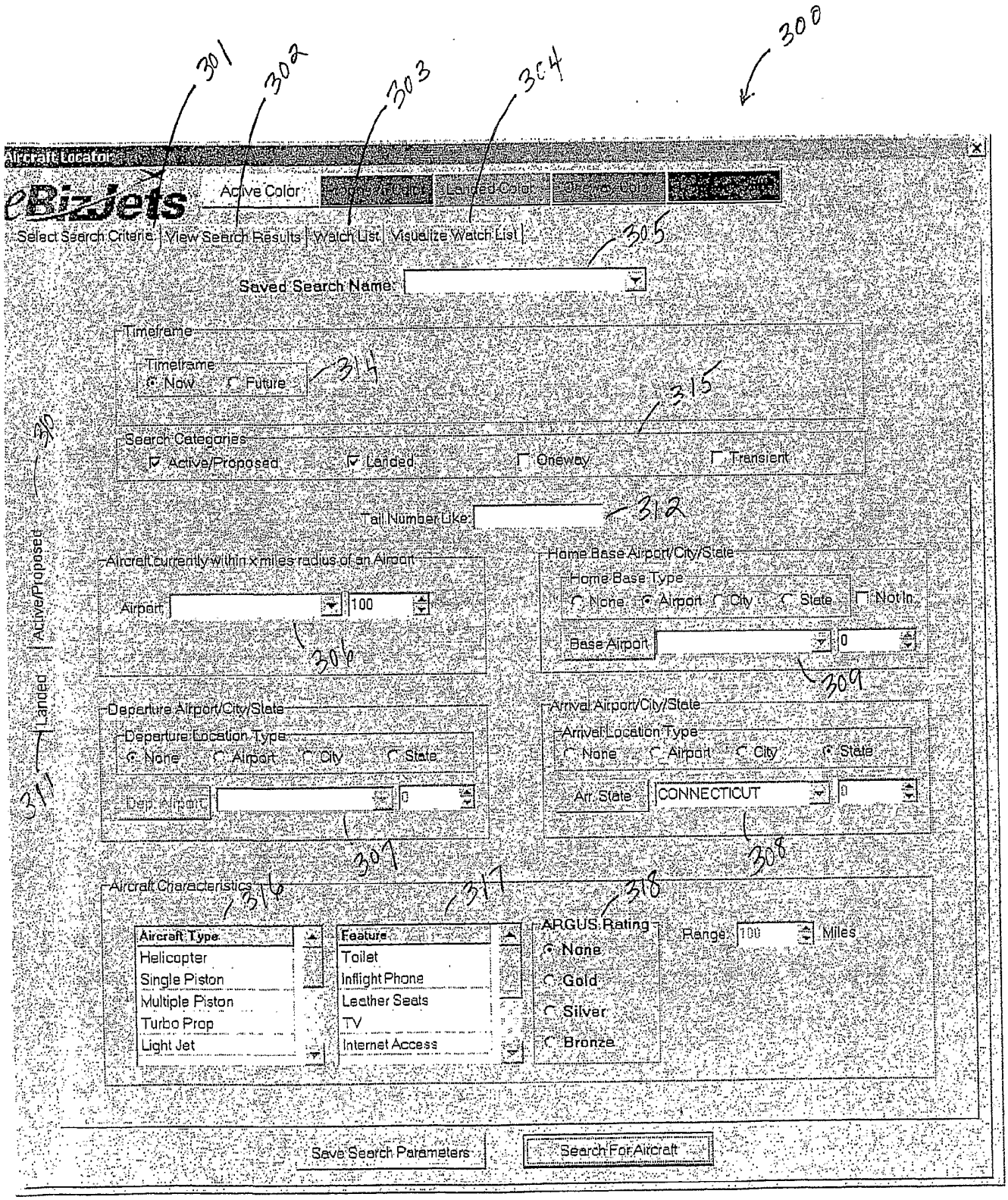
Search Active Planes
Search Landing History
Search All Landed Planes
Search/Insert CrewWay Flights
Search/Insert Transient Flights
Find a Single Plane
Refine Search for Base

Fig. 2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Aircraft Locator
eBizjets
Active Color
Landed Color
Oneway Color
Select Search Criteria
View Search Results
Watch List
Visualize Watch List
Saved Search Name:
Timeframe
Timeframe
Now
Future
Search Categories
Active/Proposed
Landed
Oneway
Transient
Tail Number Like:
Aircraft currently within x miles radius of an Airport
Airport
100
Home Base Airport/City/State
Home Base Type
None
Airport
City
State
Not In
Base Airport
Departure Airport/City/State
Departure Location Type
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Airport
City
State
Dep. Airport
Arrival Airport/City/State
Arrival Location Type
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Airport
City
State
Arr. State
CONNECTICUT
Aircraft Characteristics
Aircraft Type
Helicopter
Single Piston
Multiple Piston
Turbo Prop
Light Jet
Feature
Toilet
Inflight Phone
Leather Seats
TV
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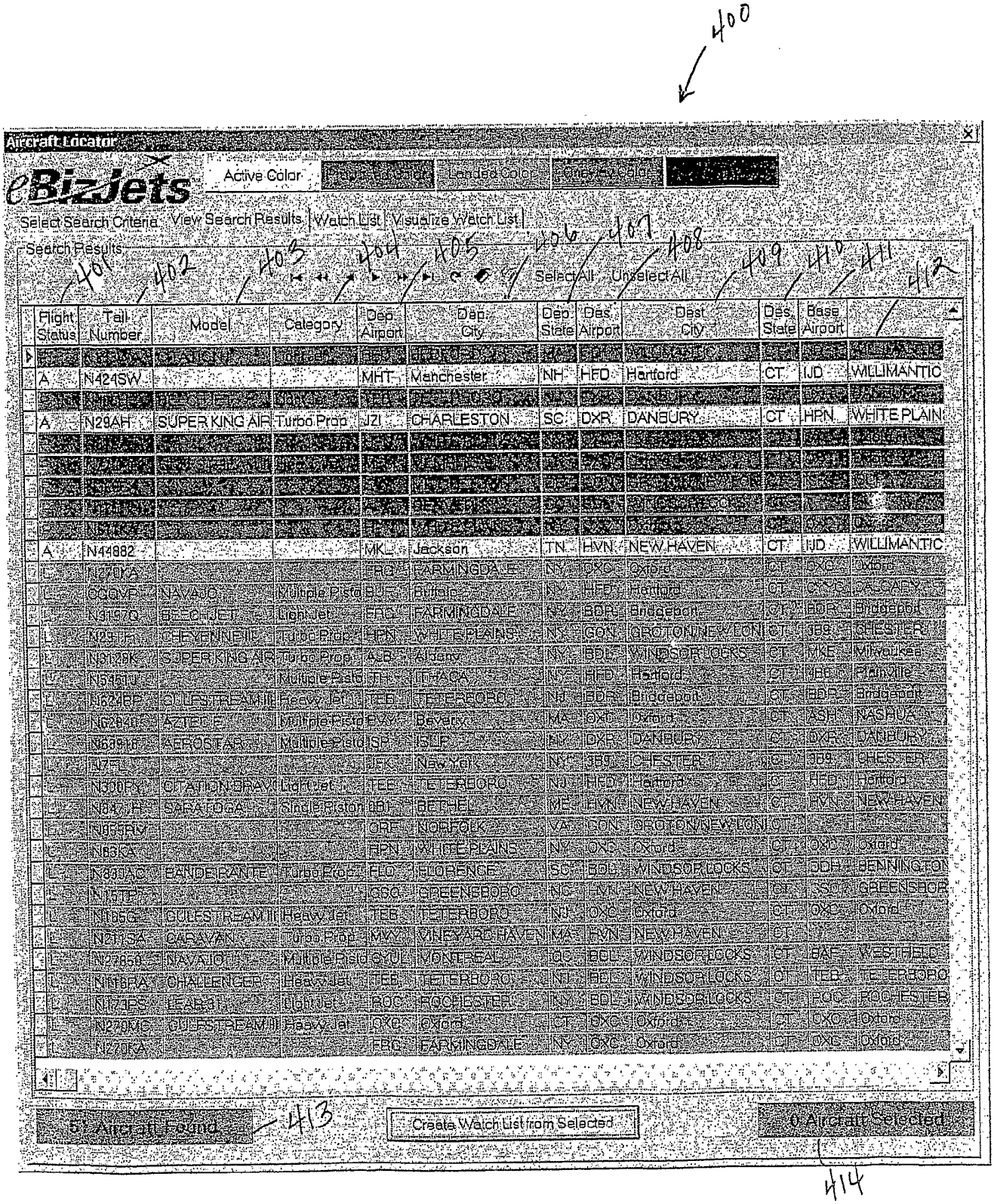
Active/Proposed
Landed

Fig. 3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Aircraft Locator
eBizJets
Active Color
Landed Color
Select Search Criteria
View Search Results
Watch List
Visualize Watch List
Search Results
Select All
Unselect All
401
402
403
404
405
406
407
408
409
410
411
412
Flight Status
Tail Number
Model
Category
Dep. Airport
Dep. City
Dep. State
Des. Airport
Dest. City
Des. State
Base Airport
A N424SW MHT Manchester NH HFD Hartford CT IJD WILLIMANTIC
A N29AH SUPER KING AIR Turbo Prop JZI CHARLESTON SC DXR DANBURY CT HPN WHITE PLAIN
A N44882 MKL Jackson TN HVN NEW HAVEN CT IJD WILLIMANTIC
L N270KA FRG FARMINGDALE NY OXC Oxford CT OXC Oxford
L CGQVP NAVAJO Multiple Pistol BUF Buffalo NY HFD Hartford CT CYYC CALGARY
L N3197Q BEECHJET Light Jet FRG FARMINGDALE NY BDR Bridgeport CT BDR Bridgeport
L N29TH CHEYENNE II Turbo Prop HPN WHITE PLAINS NY GON GROTON/NEW LONI CT 3B9 CHESTER
L N3128K SUPER KING AIR Turbo Prop ALB Albany NY BDL WINDSOR LOCKS CT MKE Milwaukee
L N5451J Multiple Pistol ITH ITHACA NY HFD Hartford CT 4B6 Plainville
L N624BP GULFSTREAM III Heavy Jet TEB TETERBORO NJ BDR Bridgeport CT BDR Bridgeport
L N62840 AZTEC E Multiple Pistol BVY Beverly MA OXC Oxford CT ASH NASHUA
L N63918 AEROSTAR Multiple Pistol ISP ISLIP NY DXR DANBURY CT DXR DANBURY
L N7FL JFK New York NY 3B9 CHESTER CT 3B9 CHESTER
L N300PY CITATION BRAV Light Jet TEB TETERBORO NJ HFD Hartford CT HFD Hartford
L N847TH SARATOGA Single Piston 0B1 BETHEL ME HVN NEW HAVEN CT HVN NEW HAVEN
L N855RM ORF NORFOLK VA GON GROTON/NEW LONI CT
L N83KA HPN WHITE PLAINS NY OXC Oxford CT OXC Oxford
L N830AC BANDEIRANTE Turbo Prop FLO FLORENCE SC BDL WINDSOR LOCKS CT DDH BENNINGTON
L N15TP GSO GREENSBORO NC HVN NEW HAVEN CT GSO GREENSBOR
L N105G GULFSTREAM III Heavy Jet TEB TETERBORO NJ OXC Oxford CT OXC Oxford
L N211SA CARAVAN Turbo Prop MVY VINEYARD HAVEN MA HVN NEW HAVEN CT
L N27850 NAVAJO Multiple Pistol CYUL MONTREAL QC BDL WINDSOR LOCKS CT BAF WESTFIELD
L N118RA CHALLENGER Heavy Jet TEB TETERBORO NJ BDL WINDSOR LOCKS CT TEB TETERBORO
L N173PS LEAR 31 Light Jet ROC ROCHESTER NY BDL WINDSOR LOCKS CT ROC ROCHESTER
L N270MC GULFSTREAM III Heavy Jet OXC Oxford CT OXC Oxford CT OXC Oxford
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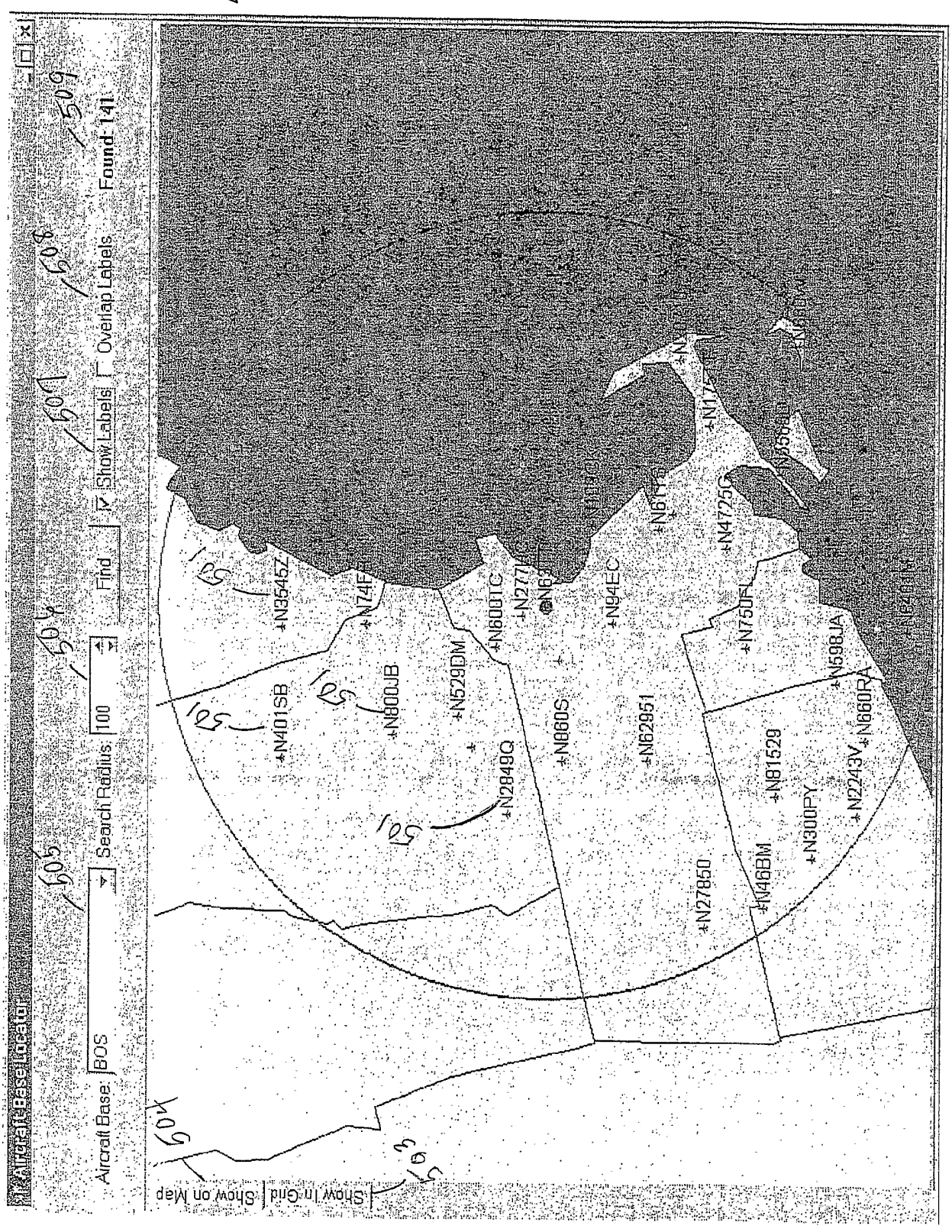
51 Aircraft Found
413
Create Watch List from Selected
0 Aircraft Selected
414

Fig. 4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Show Labels
Overlap Labels
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Show In Grid
Show on Map
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N529DM
N2849Q
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N27850
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N81529
N300PY
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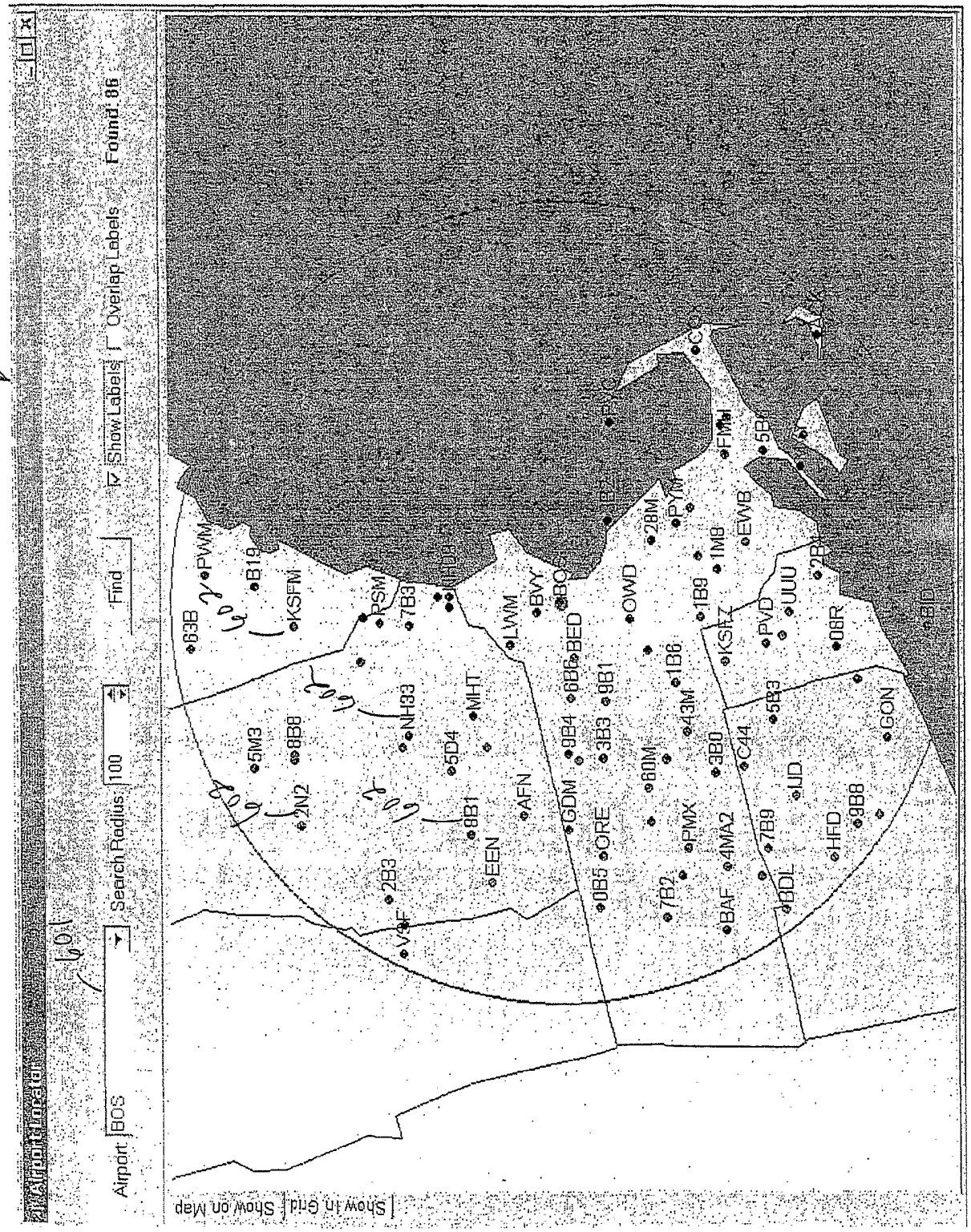
509

Fig. 5

Fig. 6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Find
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KSFM
PSM
7B3
LWM
BVY
BED
OWD
28M
PYM
1M8
EWB
FMH
5B
1B9
KSFZ
PVD
UUU
08R
BID
5M3
8B8
NH33
MHT
5D4
2N2
8B1
AFN
EEN
2B3
GDM
9B4
6B6
9B1
3B3
ORE
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60M
1B6
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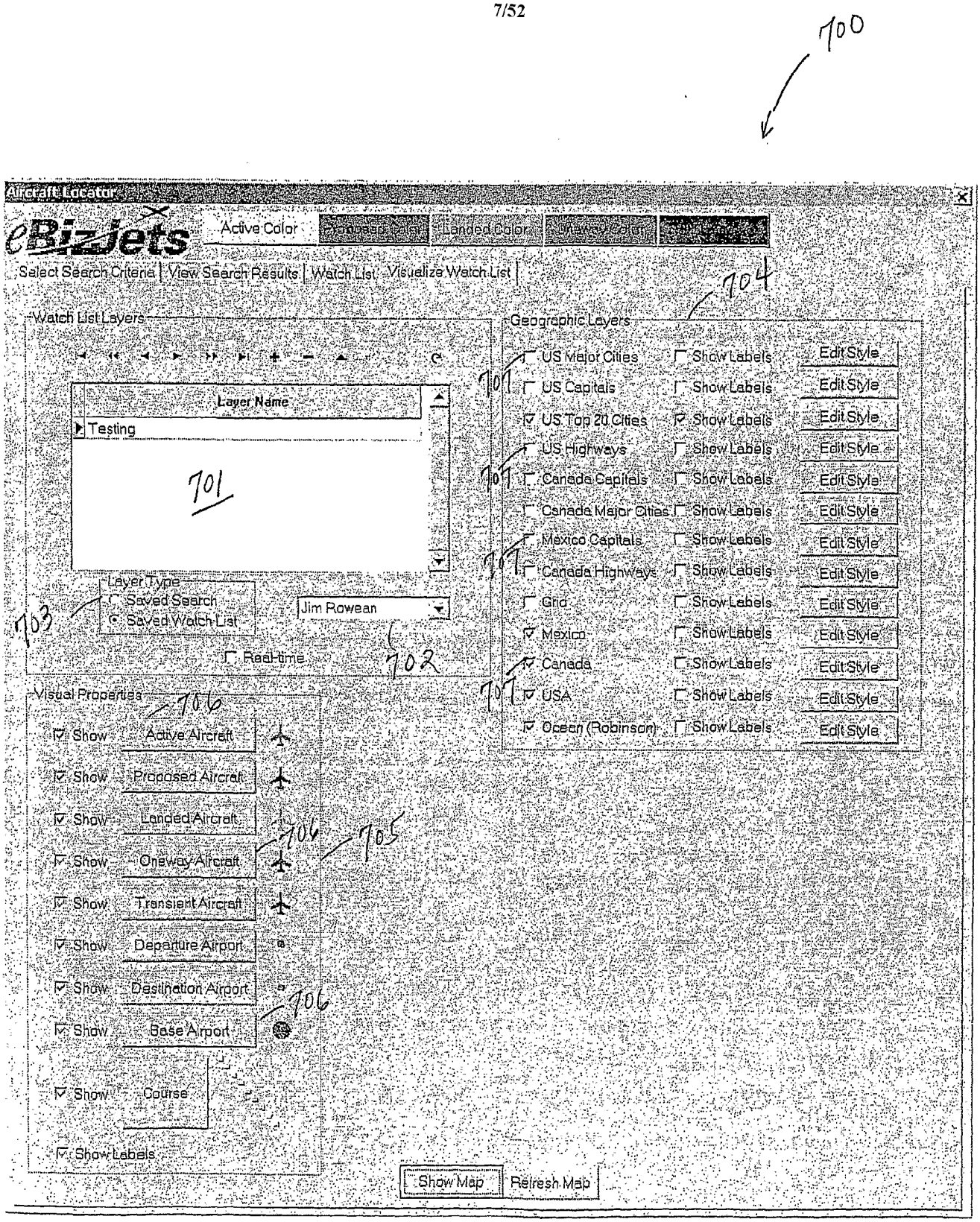
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Aircraft Locator
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Active Color
Proposed Color
Landed Color
Oneway Color
Select Search Criteria
View Search Results
Watch List
Visualize Watch List
Watch List Layers
Layer Name
Testing
701
Layer Type
Saved Search
Saved Watch List
703
Jim Rowean
Real-time
702
Visual Properties
706
Show
Active Aircraft
Proposed Aircraft
Landed Aircraft
Oneway Aircraft
Transient Aircraft
Departure Airport
Destination Airport
Base Airport
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Geographic Layers
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US Major Cities
US Capitals
US Top 20 Cities
US Highways
Canada Capitals
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Mexico
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USA
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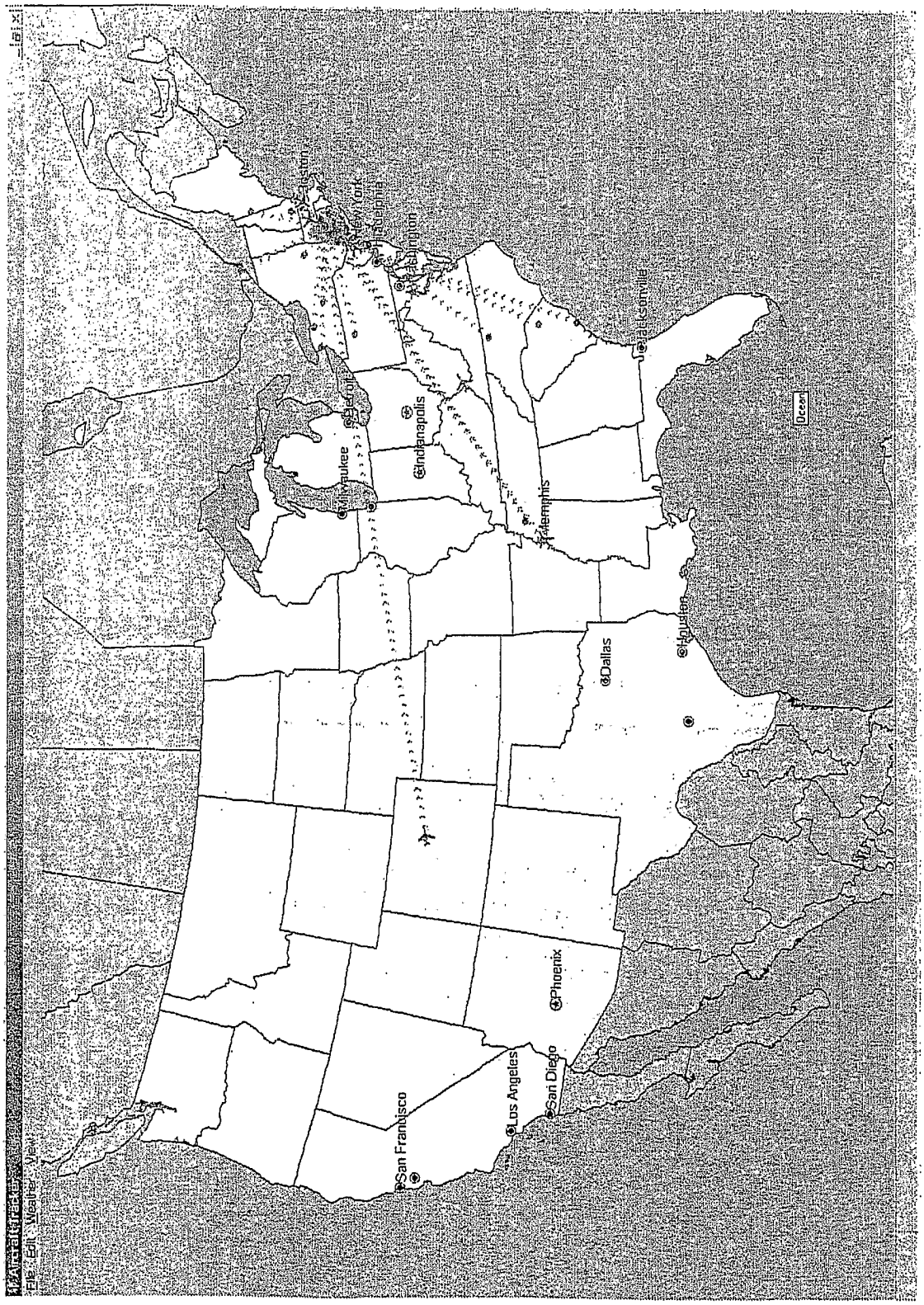
Show Map
Refresh Map

Fig. 7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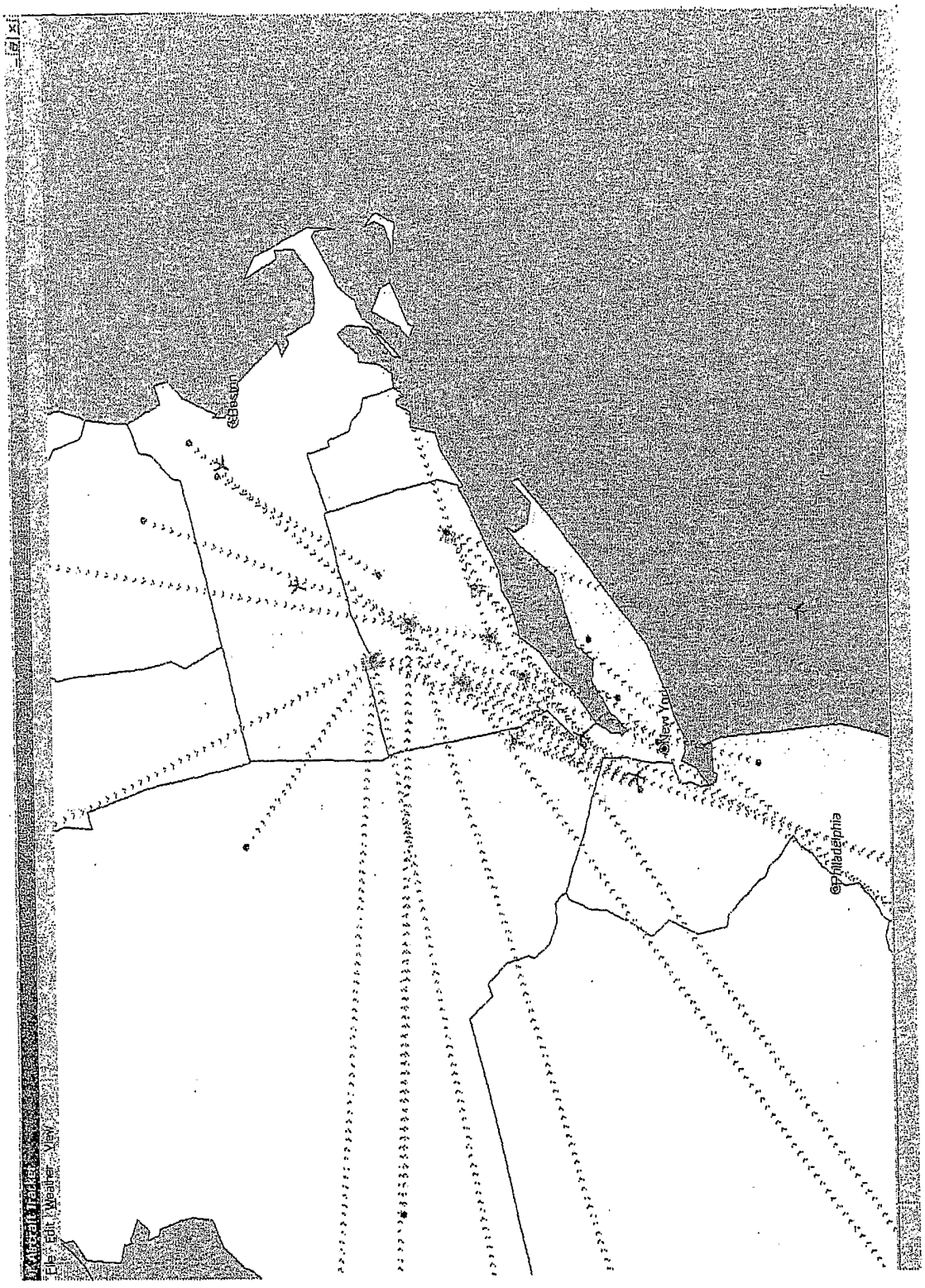
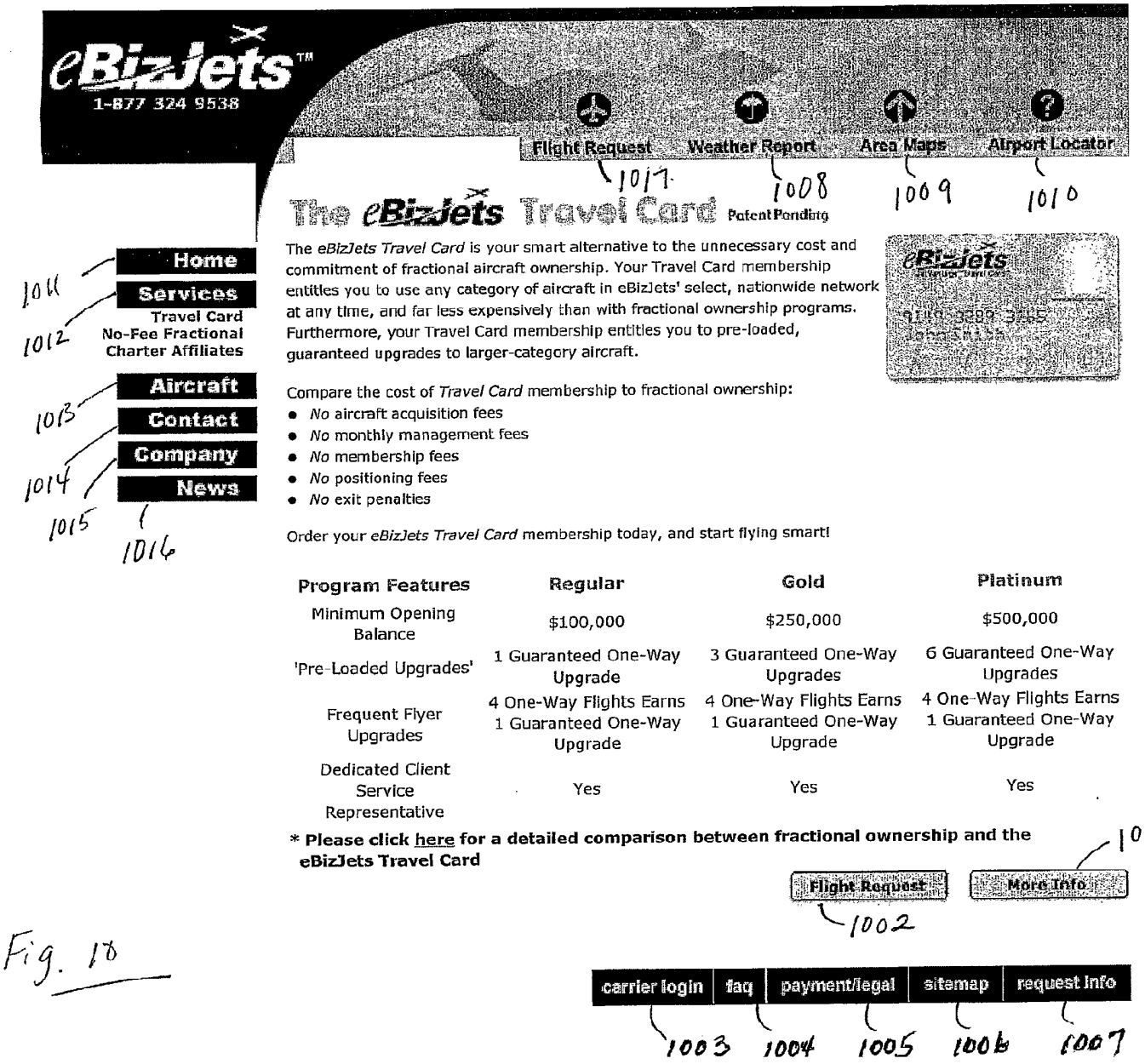
Los Angeles
San Francisco
Ocean

Fig. 8

Fig. 9




eBizJets™
1-877 324 9538
Flight Request
Weather Report
Area Maps
Airport Locator
1017
1008
1009
1010
The eBizJets Travel Card
Patent Pending
Home
Services
Travel Card
No-Fee Fractional
Charter Affiliates
Aircraft
Contact
Company
News
1011
1012
1013
1014
1015
1016
The eBizJets Travel Card is your smart alternative to the unnecessary cost and commitment of fractional aircraft ownership. Your Travel Card membership entitles you to use any category of aircraft in eBizJets' select, nationwide network at any time, and far less expensively than with fractional ownership programs. Furthermore, your Travel Card membership entitles you to pre-loaded, guaranteed upgrades to larger-category aircraft.
Compare the cost of Travel Card membership to fractional ownership:
No aircraft acquisition fees
No monthly management fees
No membership fees
No positioning fees
No exit penalties
Order your eBizJets Travel Card membership today, and start flying smart!
Program Features
Regular
Gold
Platinum
Minimum Opening Balance
$100,000
$250,000
$500,000
'Pre-Loaded Upgrades'
1 Guaranteed One-Way Upgrade
3 Guaranteed One-Way Upgrades
6 Guaranteed One-Way Upgrades
Frequent Flyer Upgrades
4 One-Way Flights Earns 1 Guaranteed One-Way Upgrade
4 One-Way Flights Earns 1 Guaranteed One-Way Upgrade
4 One-Way Flights Earns 1 Guaranteed One-Way Upgrade
Dedicated Client Service Representative
Yes
Yes
Yes
* Please click here for a detailed comparison between fractional ownership and the eBizJets Travel Card
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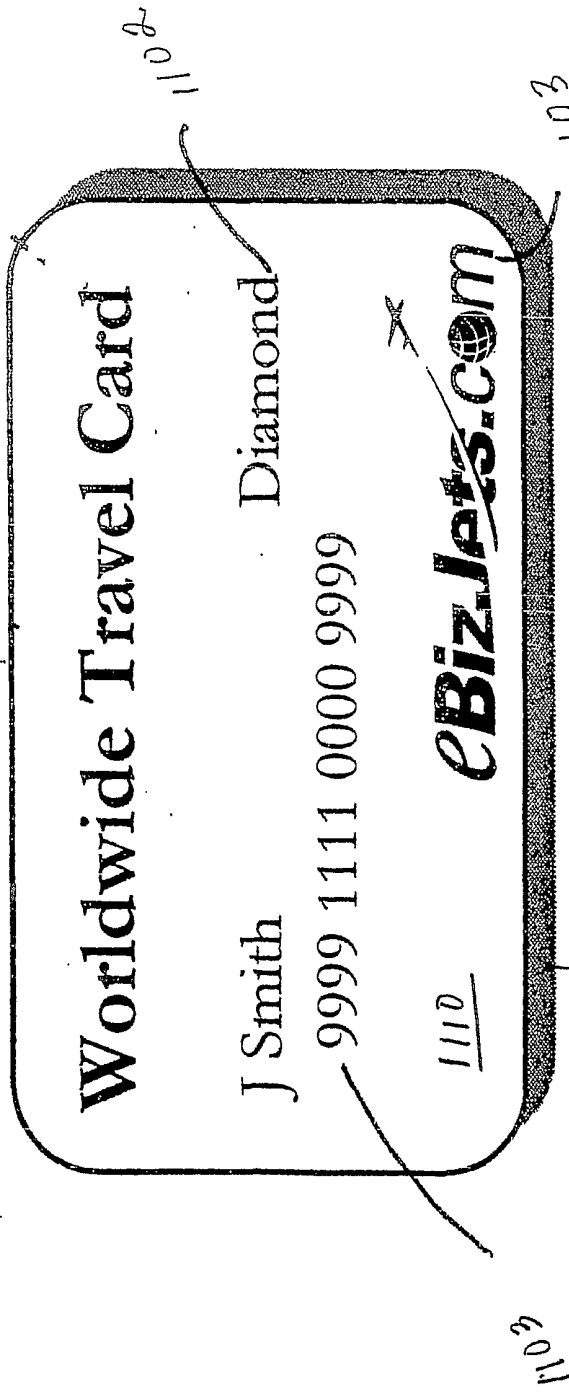
Flight Request
More Info
1002
carrier login
faq
payment/legal
sitemap
request info
1003
1004
1005
1006
1007

Fig. 10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J Smith
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eBizJets.com
1104
1103

Fig. 11

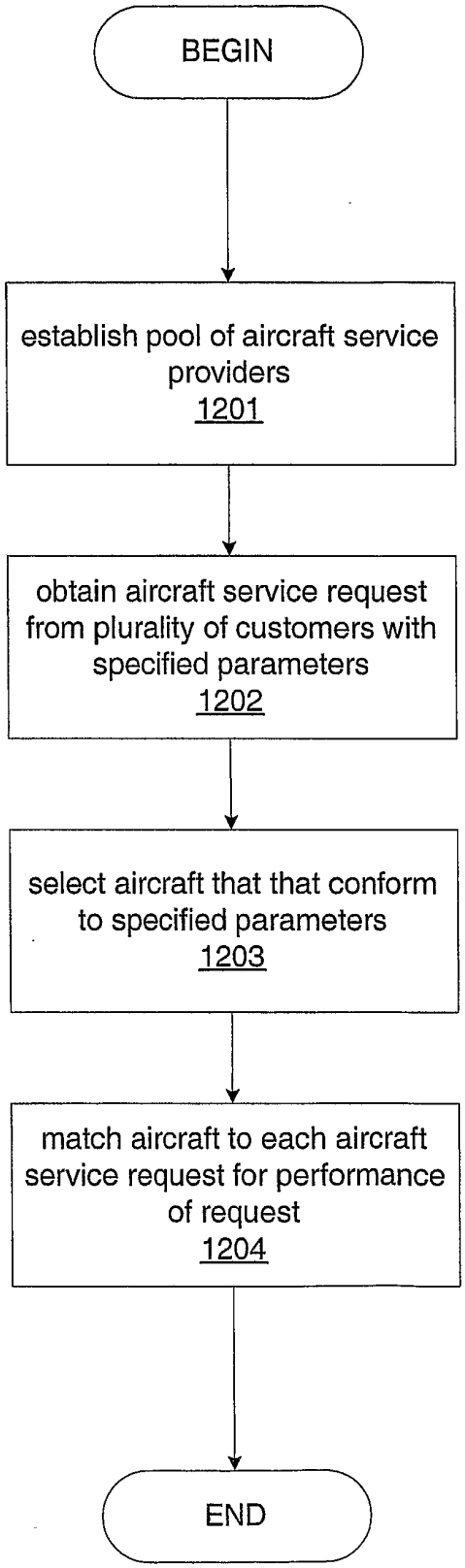

BEGIN
establish pool of aircraft service providers
1201
obtain aircraft service request from plurality of customers with specified parameters
1202
select aircraft that that conform to specified parameters
1203
match aircraft to each aircraft service request for performance of request
1204
END

Fig. 12

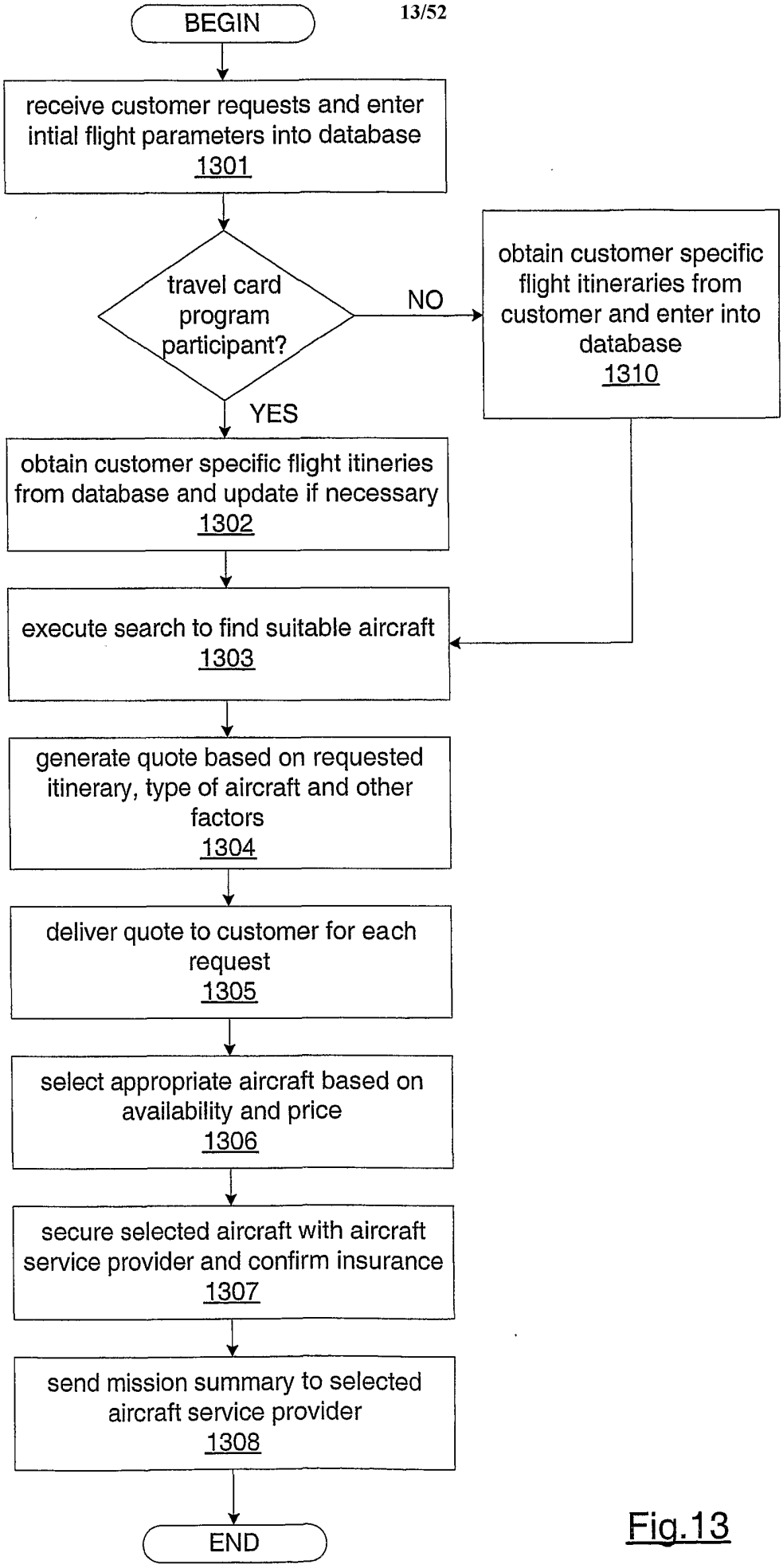

BEGIN
receive customer requests and enter intial flight parameters into database
1301
travel card program participant?
NO
obtain customer specific flight itineraries from customer and enter into database
1310
YES
obtain customer specific flight itineries from database and update if necessary
1302
execute search to find suitable aircraft
1303
generate quote based on requested itinerary, type of aircraft and other factors
1304
deliver quote to customer for each request
1305
select appropriate aircraft based on availability and price
1306
secure selected aircraft with aircraft service provider and confirm insurance
1307
send mission summary to selected aircraft service provider
1308
END

Fig.13

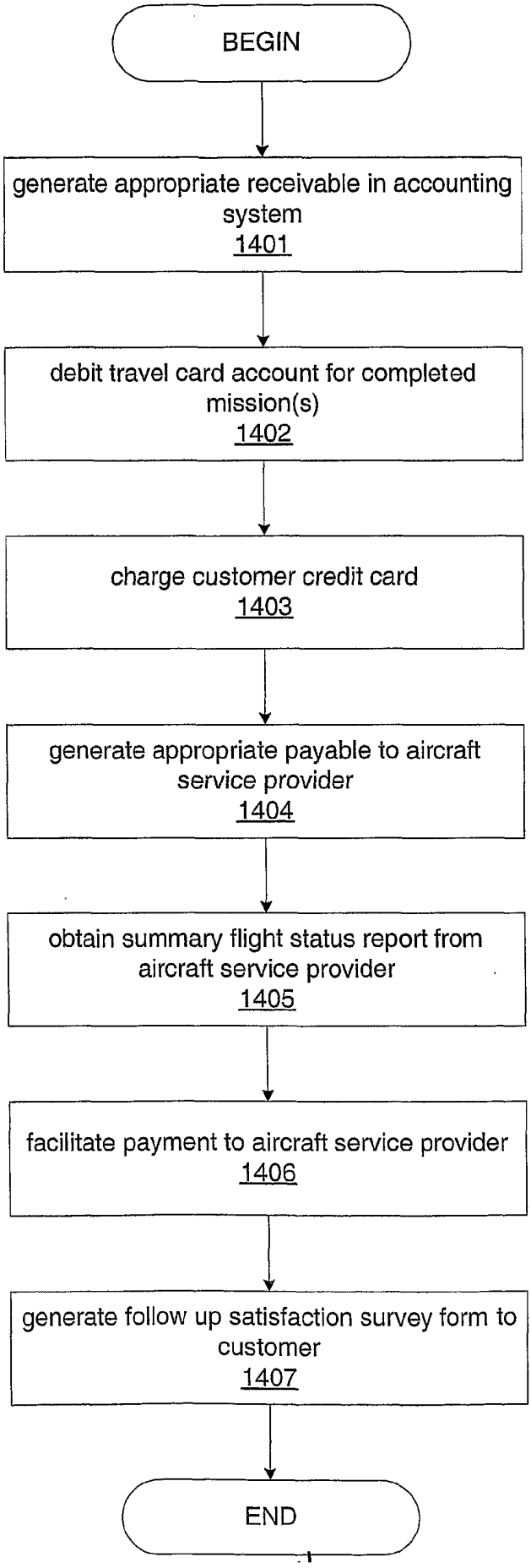

BEGIN
generate appropriate receivable in accounting system
1401
debit travel card account for completed mission(s)
1402
charge customer credit card
1403
generate appropriate payable to aircraft service provider
1404
obtain summary flight status report from aircraft service provider
1405
facilitate payment to aircraft service provider
1406
generate follow up satisfaction survey form to customer
1407
END

Fig. 14

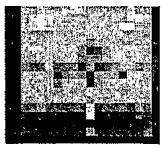
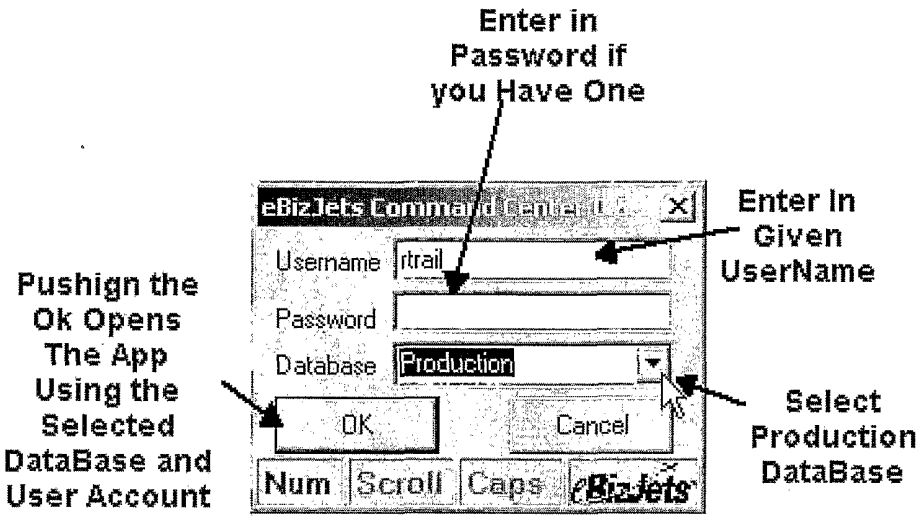


Fig. 15


Enter in Password if you Have One
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Username
rtrail
Password
Database
Production
OK
Cancel
Num
Scroll
Caps
eBizJets
Enter In Given UserName
Pushign the Ok Opens The App Using the Selected DataBase and User Account
Select Production DataBase

Fig. 16

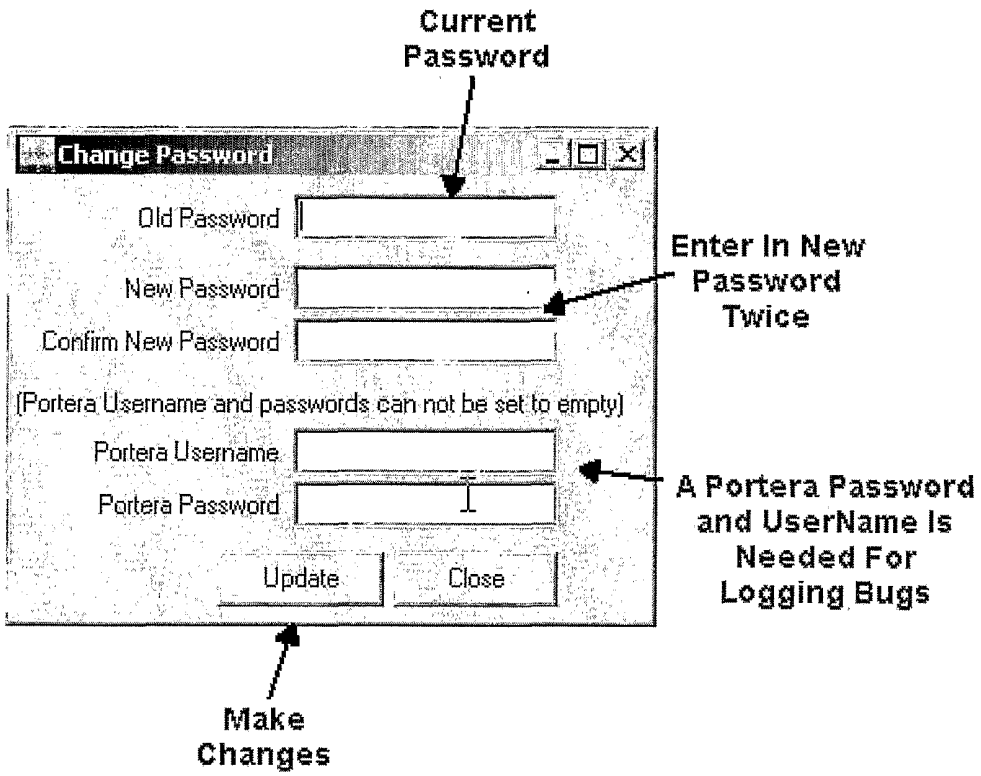

Current Password
Change Password
Old Password
New Password
Confirm New Password
(Portera Username and passwords can not be set to empty)
Portera Username
Portera Password
Update
Close
Enter In New Password Twice
A Portera Password and UserName Is Needed For Logging Bugs
Make Changes

Fig. 17

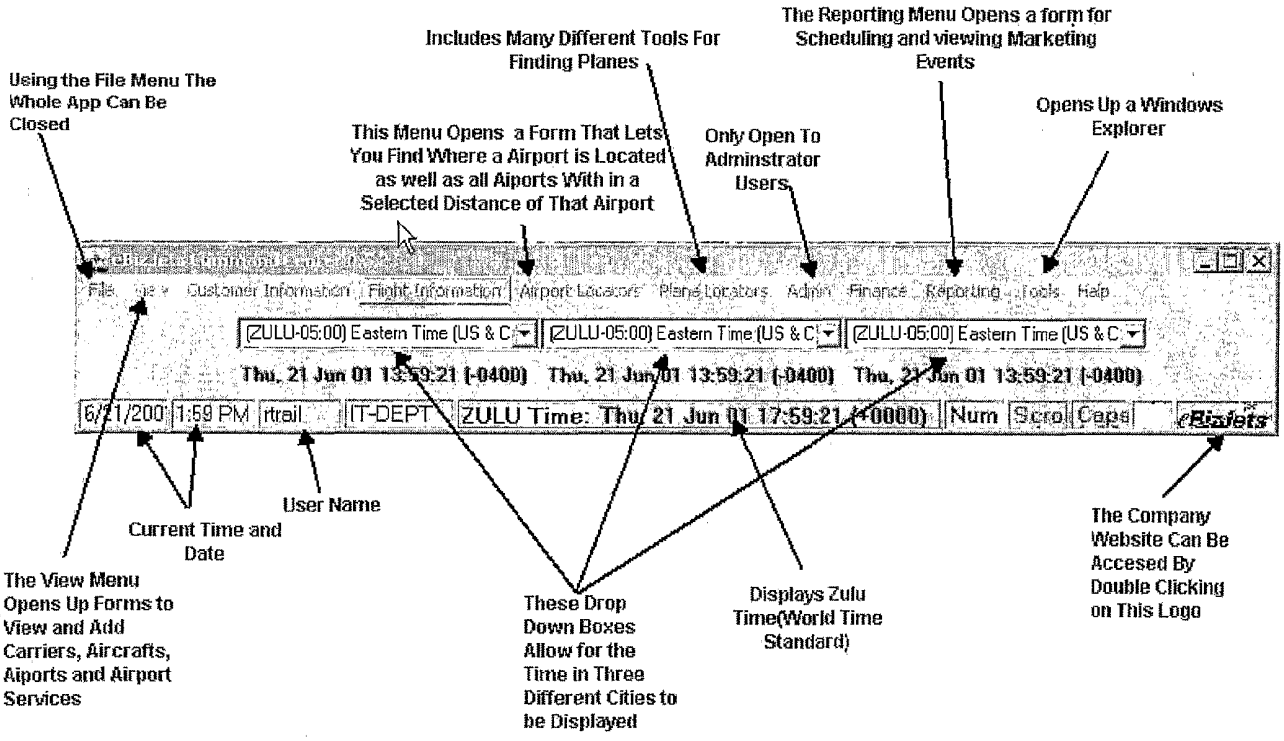

Using the File Menu The Whole App Can Be Closed
This Menu Opens a Form That Lets You Find Where a Airport is Located as well as all Aiports With in a Selected Distance of That Airport
Includes Many Different Tools For Finding Planes
Only Open To Adminstrator Users
The Reporting Menu Opens a form for Scheduling and viewing Marketing Events
Opens Up a Windows Explorer
File
Customer Information
Flight Information
Airport Locators
Plane Locators
Admin
Finance
Reporting
Tools
Help
(ZULU-05:00) Eastern Time (US & C
Thu, 21 Jun 01 13:59:21 (-0400)
6/21/200
1:59 PM
rtrail
IT-DEPT
ZULU Time: Thu, 21 Jun 01 17:59:21 (+0000)
Num
Scro
Caps
eRiskets
The View Menu Opens Up Forms to View and Add Carriers, Aircrafts, Aiports and Airport Services
Current Time and Date
User Name
These Drop Down Boxes Allow for the Time in Three Different Cities to be Displayed
Displays Zulu Time(World Time Standard)
The Company Website Can Be Accesed By Double Clicking on This Logo

Fig. 18

Navigation Bars Located Thoughout The Whole Application

The Nav Bar's Are used In Refference To Record Grids and Fields Located on Various Forms

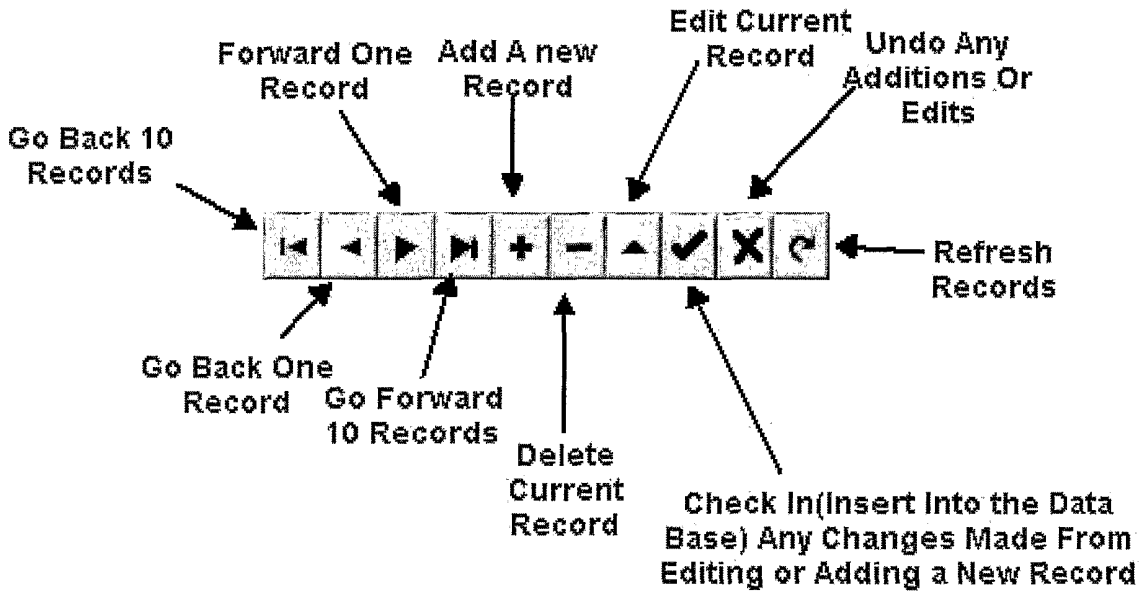


Fig. 19

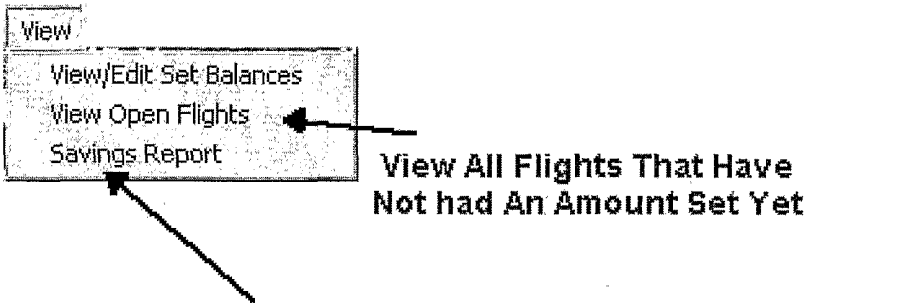

View
View/Edit Set Balances
View Open Flights
Savings Report
View All Flights That Have Not had An Amount Set Yet
Show Savings Customers Have Gotten From Using Their Travel Card

Fig. 20

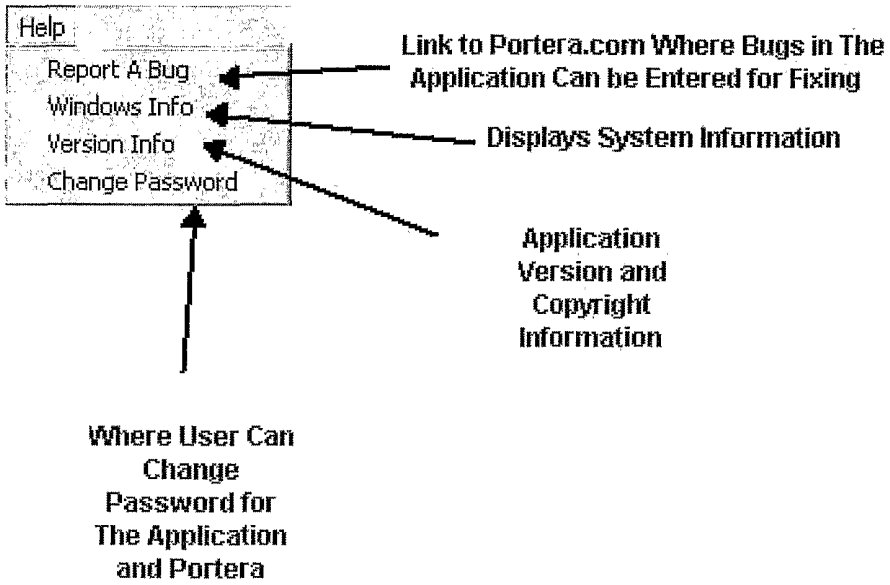

Help
Report A Bug
Windows Info
Version Info
Change Password
Link to Portera.com Where Bugs in The Application Can be Entered for Fixing
Displays System Information
Application Version and Copyright Information
Where User Can Change Password for The Application and Portera

Fig. 21

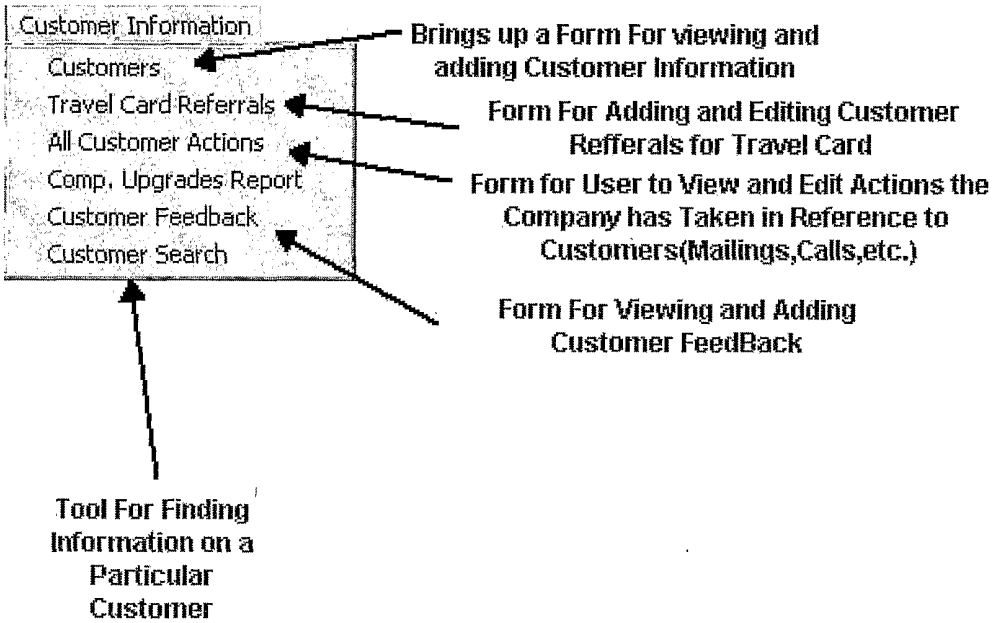

Customer Information
Customers
Travel Card Referrals
All Customer Actions
Comp. Upgrades Report
Customer Feedback
Customer Search
Brings up a Form For viewing and adding Customer Information
Form For Adding and Editing Customer Refferals for Travel Card
Form for User to View and Edit Actions the Company has Taken in Reference to Customers(Mailings,Calls,etc.)
Form For Viewing and Adding Customer FeedBack
Tool For Finding Information on a Particular Customer

Fig. 22

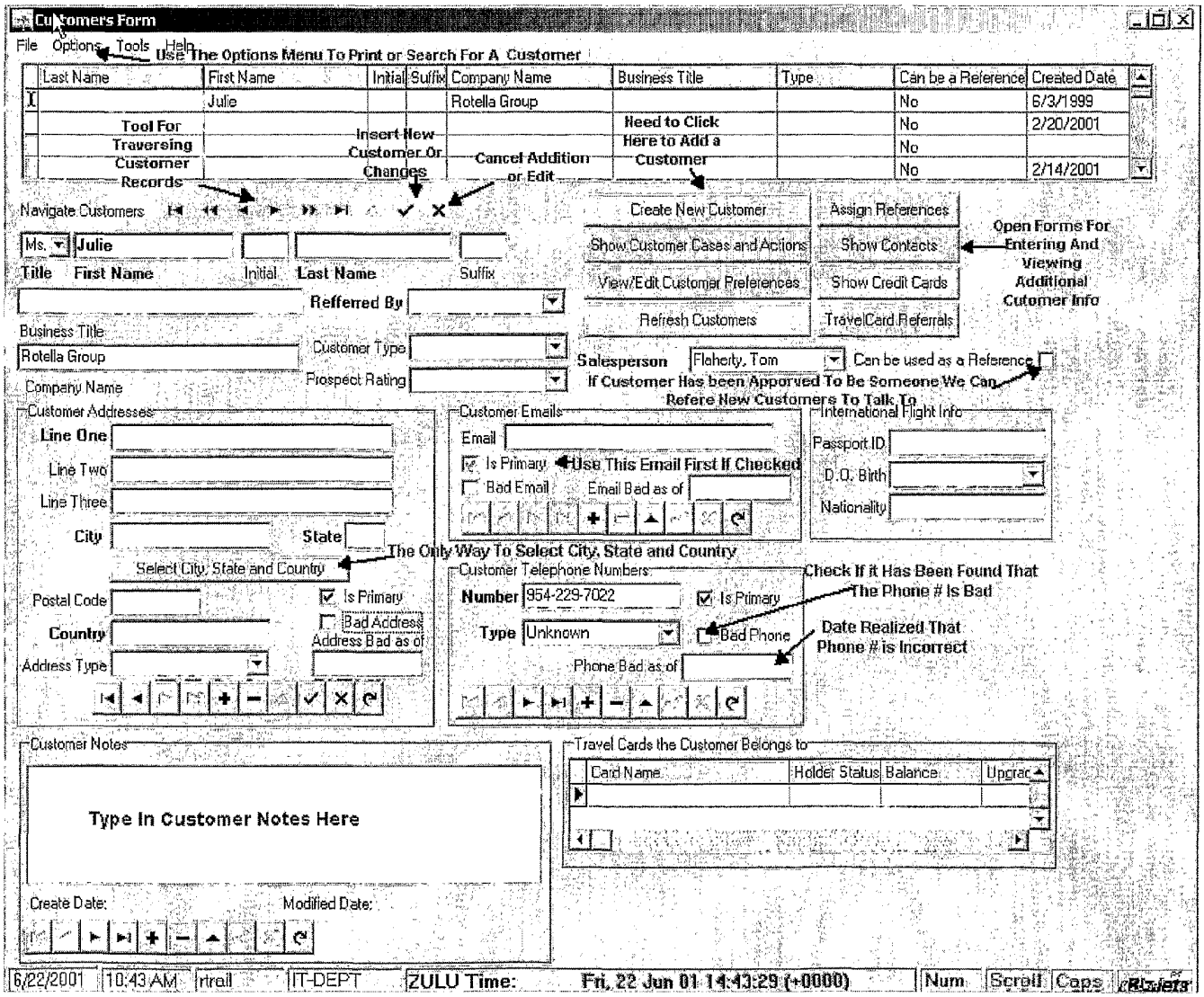

Customers Form
File Options Tools Help
Use The Options Menu To Print or Search For A Customer
Last Name
First Name
Initial
Suffix
Company Name
Business Title
Type
Can be a Reference
Created Date
Julie
Rotella Group
No
6/3/1999
2/20/2001
2/14/2001
Tool For Traversing Customer Records
Insert New Customer Or Changes
Cancel Addition or Edit
Need to Click Here to Add a Customer
Navigate Customers
Create New Customer
Assign References
Show Customer Cases and Actions
Show Contacts
View/Edit Customer Preferences
Show Credit Cards
Refresh Customers
TravelCard Referrals
Open Forms For Entering And Viewing Additional Cutomer Info
Ms.
Julie
Title
First Name
Initial
Last Name
Suffix
Refferred By
Business Title
Rotella Group
Company Name
Customer Type
Prospect Rating
Salesperson
Flaherty, Tom
Can be used as a Reference
If Customer Has been Approved To Be Someone We Can Refere New Customers To Talk To
Customer Addresses
Line One
Line Two
Line Three
City
State
Select City, State and Country
The Only Way To Select City, State and Country
Postal Code
Is Primary
Bad Address
Country
Address Bad as of
Address Type
Customer Emails
Email
Is Primary
Use This Email First If Checked
Bad Email
Email Bad as of
International Flight Info
Passport ID
D.O. Birth
Nationality
Customer Telephone Numbers
Number
954-229-7022
Is Primary
Type
Unknown
Bad Phone
Check If it Has Been Found That The Phone # Is Bad
Phone Bad as of
Date Realized That Phone # is Incorrect
Customer Notes
Type In Customer Notes Here
Create Date:
Modified Date:
Travel Cards the Customer Belongs to
Card Name
Holder Status
Balance
Upgrac
6/22/2001
10:43 AM
rtrail
IT-DEPT
ZULU Time:
Fri, 22 Jun 01 14:43:29 (+0000)
Num
Scroll
Caps

Fig. 23

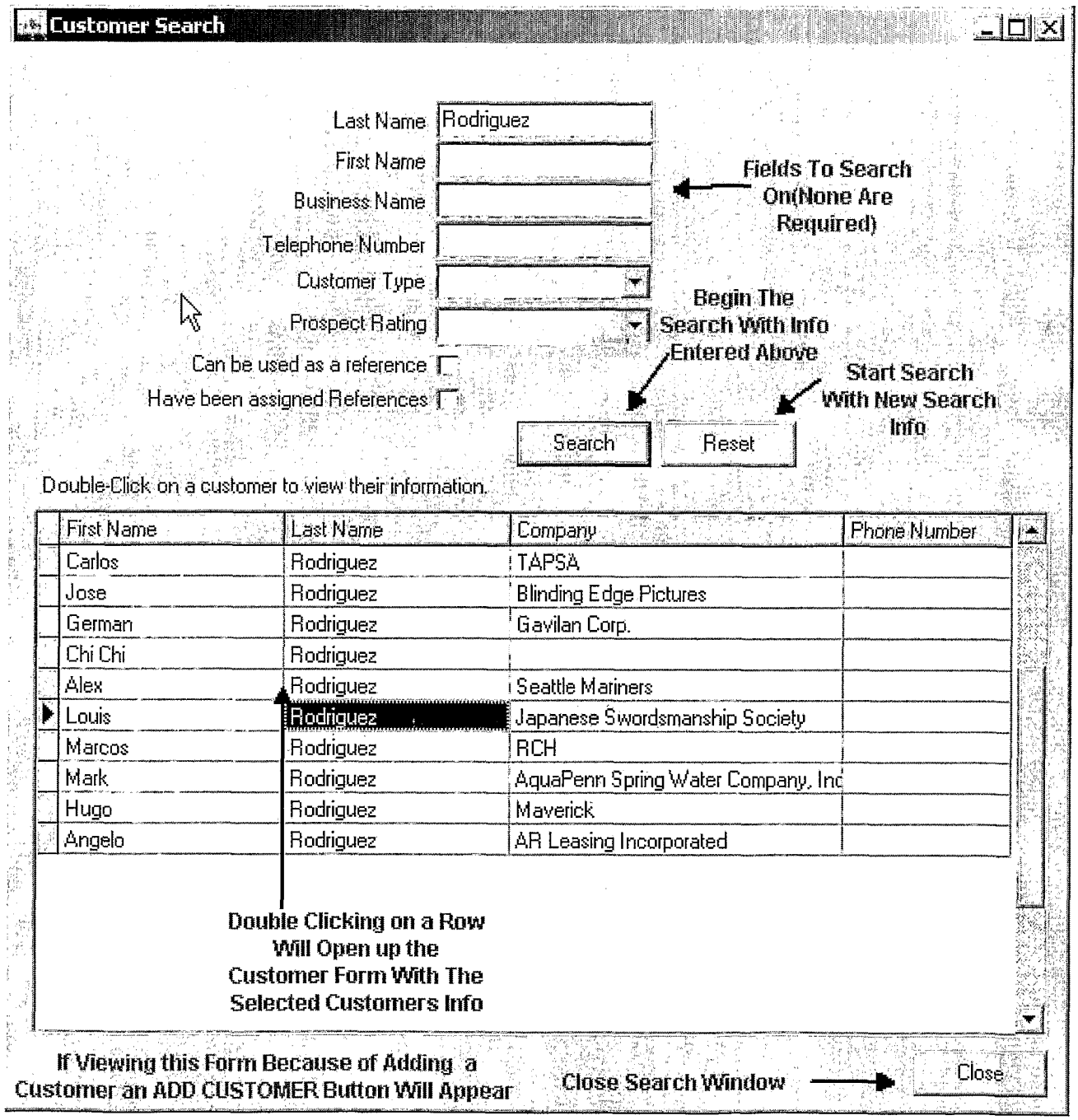

Customer Search
Last Name
Rodriguez
First Name
Business Name
Telephone Number
Customer Type
Prospect Rating
Can be used as a reference
Have been assigned References
Fields To Search On(None Are Required)
Begin The Search With Info Entered Above
Start Search With New Search Info
Search
Reset
Double-Click on a customer to view their information.
First Name
Last Name
Company
Phone Number
Carlos Rodriguez TAPSA
Jose Rodriguez Blinding Edge Pictures
German Rodriguez Gavilan Corp.
Chi Chi Rodriguez
Alex Rodriguez Seattle Mariners
Louis Rodriguez Japanese Swordsmanship Society
Marcos Rodriguez RCH
Mark Rodriguez AquaPenn Spring Water Company, Inc
Hugo Rodriguez Maverick
Angelo Rodriguez AR Leasing Incorporated
Double Clicking on a Row Will Open up the Customer Form With The Selected Customers Info
If Viewing this Form Because of Adding a Customer an ADD CUSTOMER Button Will Appear
Close Search Window
Close

Fig 24

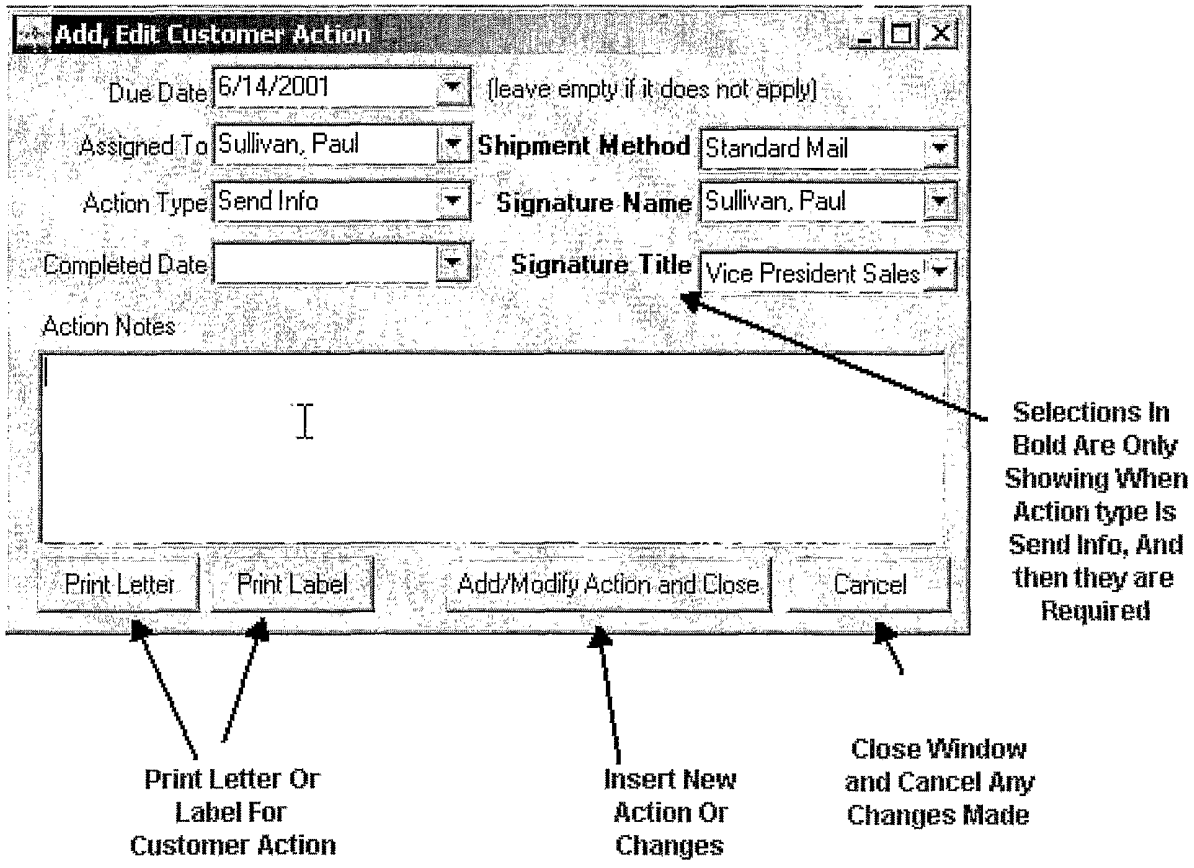

Add, Edit Customer Action
Due Date 6/14/2001
(leave empty if it does not apply)
Assigned To Sullivan, Paul
Shipment Method Standard Mail
Action Type Send Info
Signature Name Sullivan, Paul
Completed Date
Signature Title Vice President Sales
Action Notes
Print Letter
Print Label
Add/Modify Action and Close
Cancel
Selections In Bold Are Only Showing When Action type Is Send Info, And then they are Required
Print Letter Or Label For Customer Action
Insert New Action Or Changes
Close Window and Cancel Any Changes Made

Fig. 25

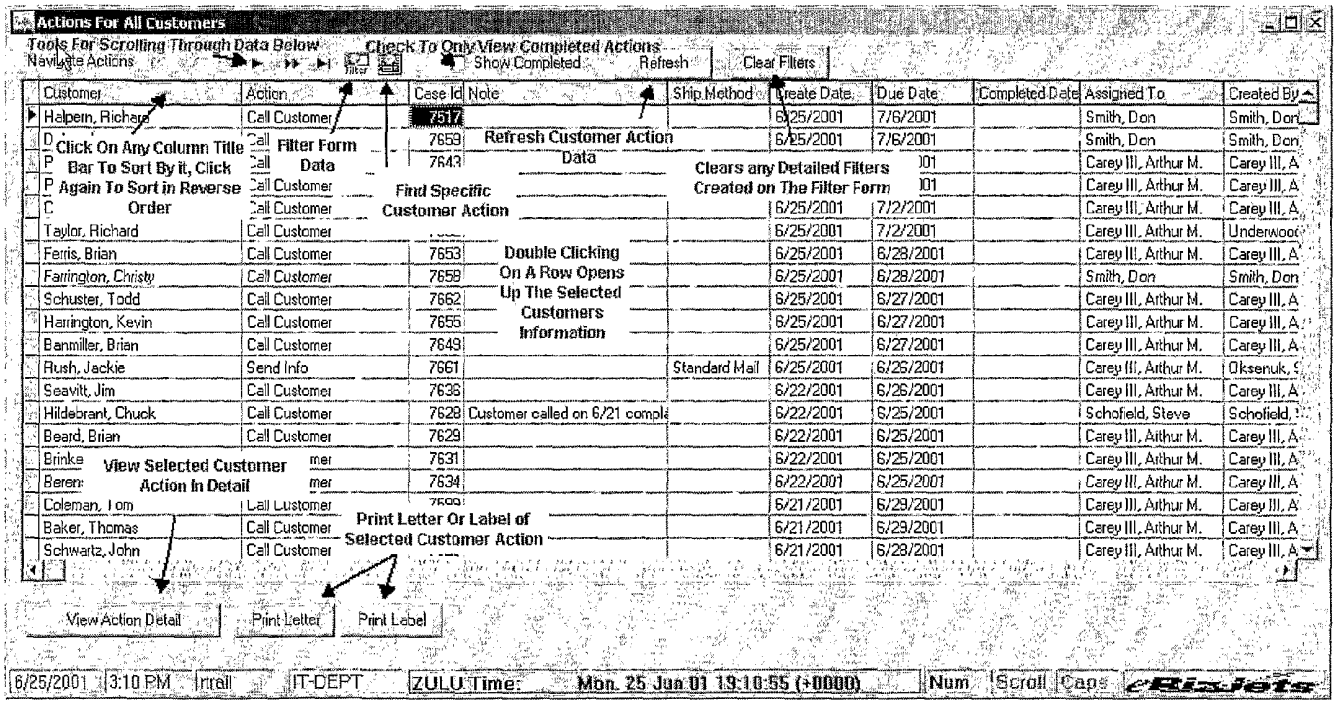

Actions For All Customers
Tools For Scrolling Through Data Below
Navigate Actions
Check To Only View Completed Actions
Show Completed
Refresh
Clear Filters
Customer
Action
Case Id
Note
Ship Method
Create Date
Due Date
Completed Date
Assigned To
Created By
Click On Any Column Title Bar To Sort By it, Click Again To Sort in Reverse Order
Filter Form Data
Refresh Customer Action Data
Clears any Detailed Filters Created on The Filter Form
Find Specific Customer Action
Double Clicking On A Row Opens Up The Selected Customers Information
View Selected Customer Action In Detail
Print Letter Or Label of Selected Customer Action
View Action Detail
Print Letter
Print Label
6/25/2001
3:10 PM
IT-DEPT
ZULU Time:
Mon, 25 Jun 01 19:10:55 (+0000)
Num
Scroll
Caps

Fig. 26

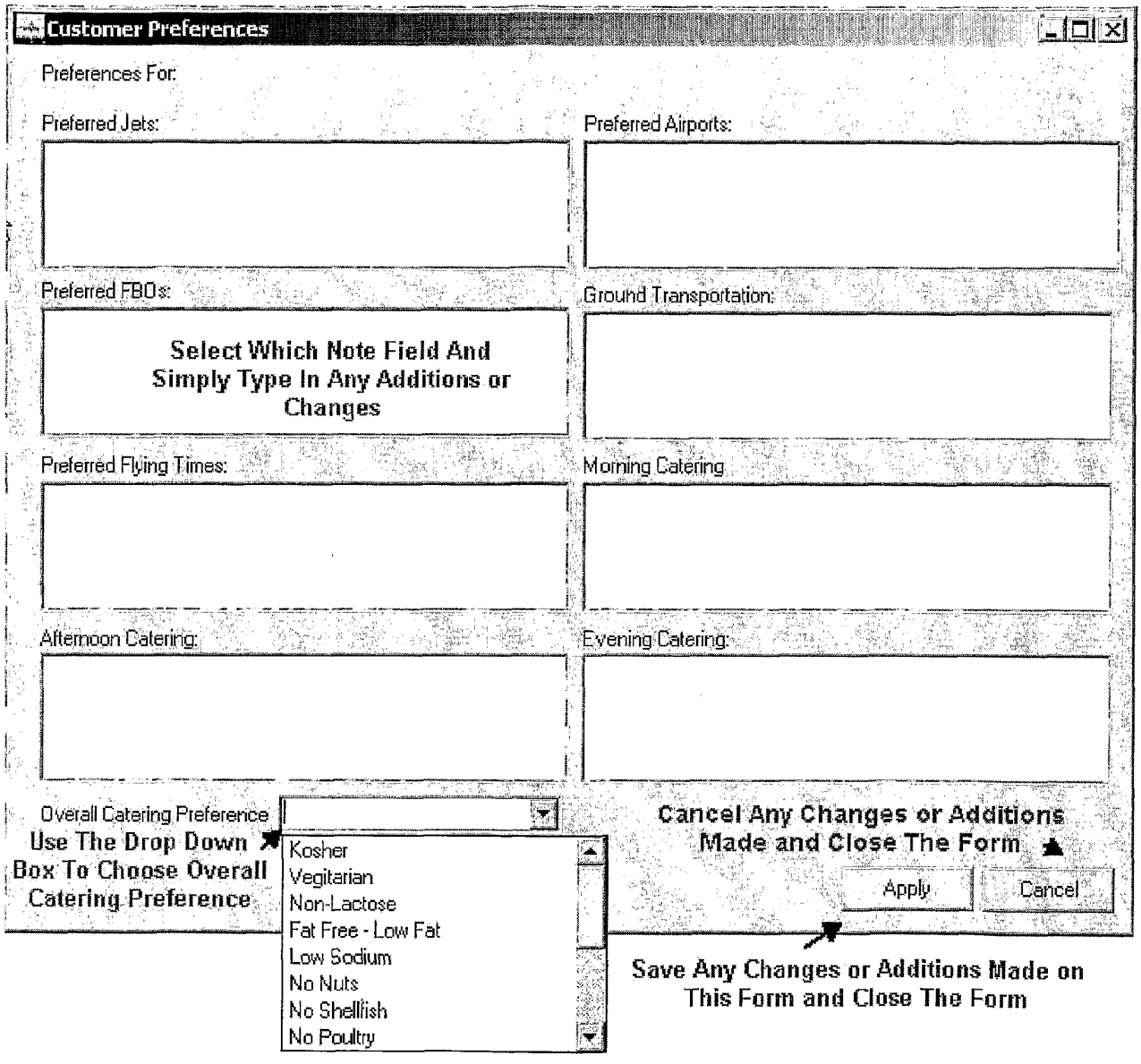
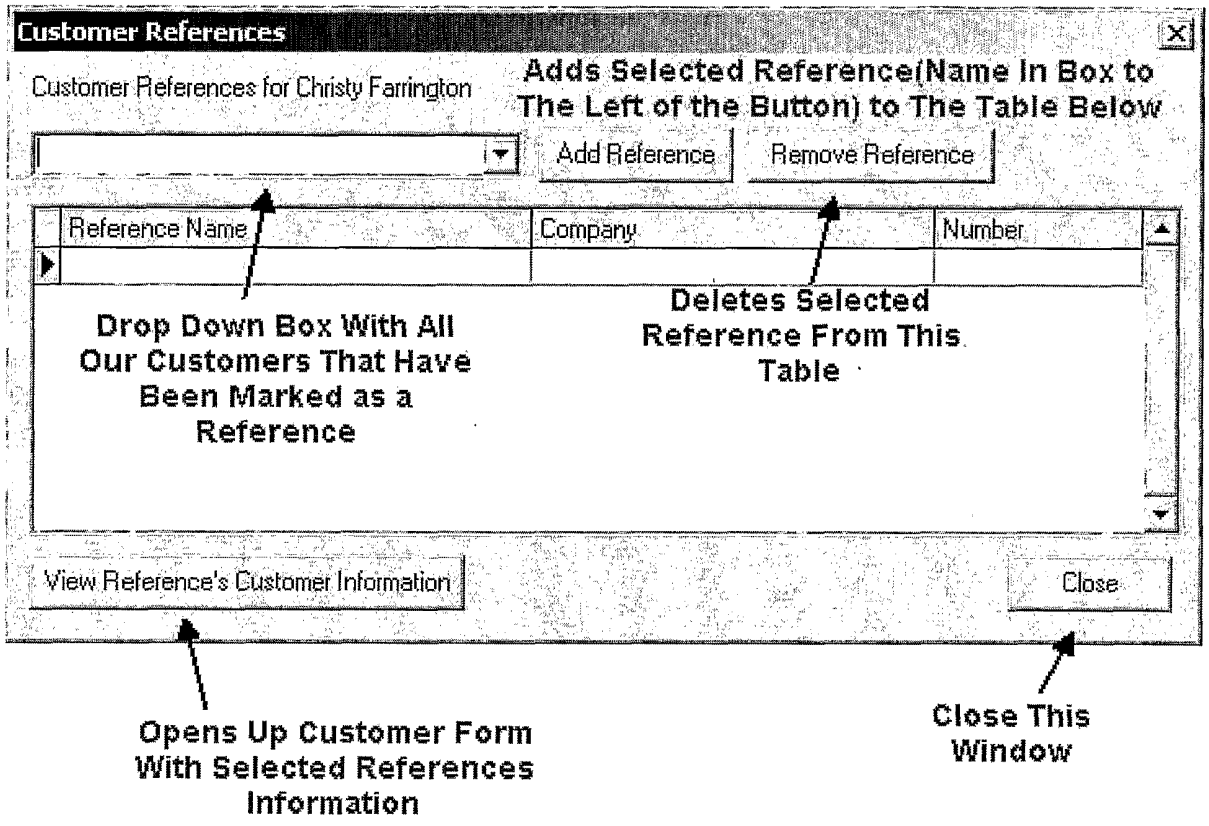
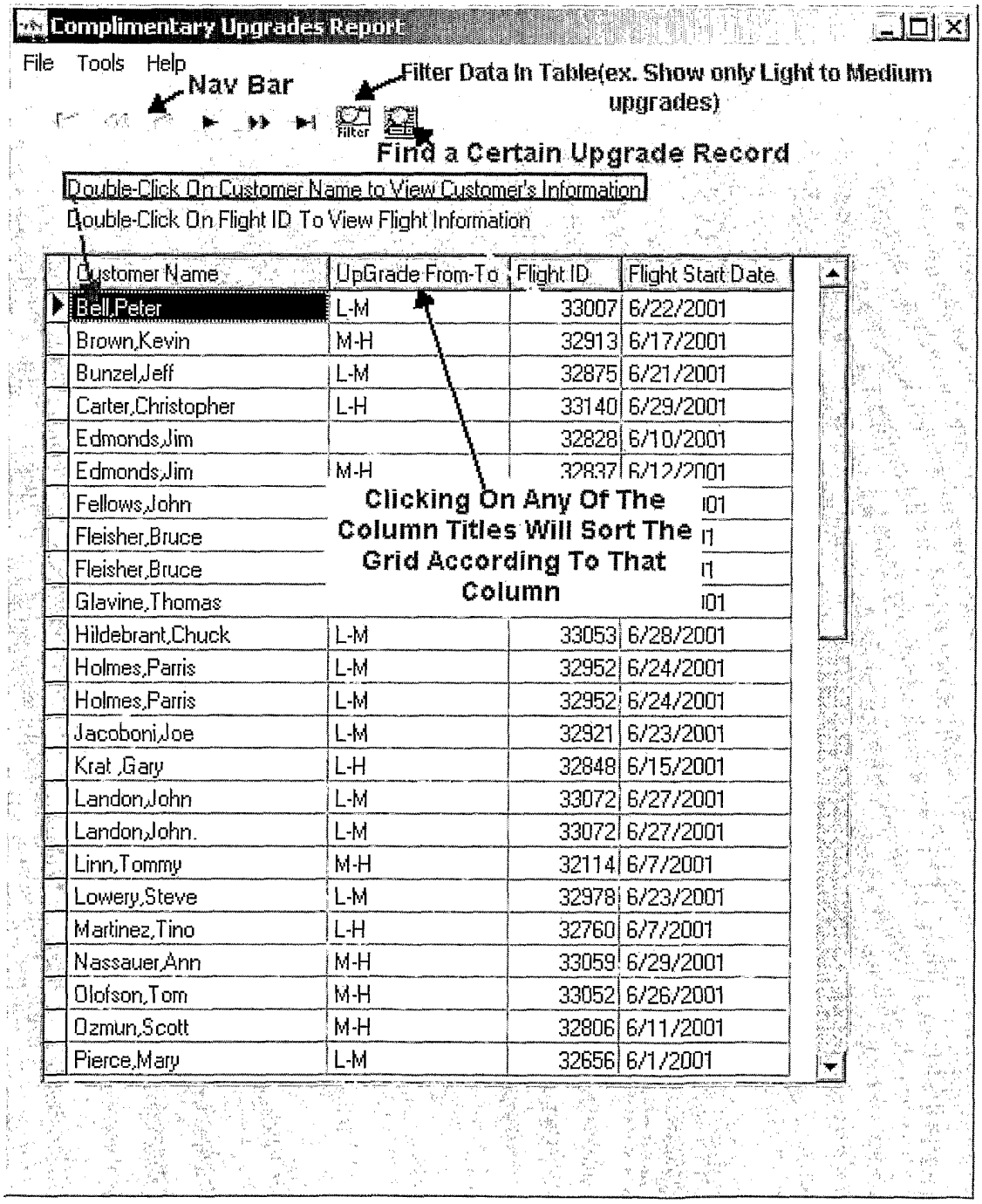

Customer Preferences
Preferences For:
Preferred Jets:
Preferred Airports:
Preferred FBOs:
Ground Transportation:
Select Which Note Field And Simply Type In Any Additions or Changes
Preferred Flying Times:
Morning Catering:
Afternoon Catering:
Evening Catering:
Overall Catering Preference
Use The Drop Down Box To Choose Overall Catering Preference
Kosher
Vegitarian
Non-Lactose
Fat Free - Low Fat
Low Sodium
No Nuts
No Shellfish
No Poultry
Cancel Any Changes or Additions Made and Close The Form
Apply
Cancel
Save Any Changes or Additions Made on This Form and Close The Form

Fig. 27



This Form Is For Assigning Current Customer Who Have Been Marked As "Can Be Reference" to new Customers, Providing the New Customers With Insight in To Our Business

Fig. 28



Customer Name	UpGrade From-To	Flight ID	Flight Start Date
Bell,Peter	L-M	33007	6/22/2001
Brown,Kevin	M-H	32913	6/17/2001
Bunzel,Jeff	L-M	32875	6/21/2001
Carter,Christopher	L-H	33140	6/29/2001
Edmonds,Jim		32828	6/10/2001
Edmonds,Jim	M-H	32837	6/12/2001
Fellows,John			101
Fleisher,Bruce			11
Fleisher,Bruce			11
Glavine,Thomas			101
Hildebrant,Chuck	L-M	33053	6/28/2001
Holmes,Parris	L-M	32952	6/24/2001
Holmes,Parris	L-M	32952	6/24/2001
Jacoboni,Joe	L-M	32921	6/23/2001
Krat ,Gary	L-H	32848	6/15/2001
Landon,John	L-M	33072	6/27/2001
Landon,John.	L-M	33072	6/27/2001
Linn,Tommy	M-H	32114	6/7/2001
Lowery,Steve	L-M	32978	6/23/2001
Martinez,Tino	L-H	32760	6/7/2001
Nassauer,Ann	M-H	33059	6/29/2001
Olofson,Tom	M-H	33052	6/26/2001
Ozmun,Scott	M-H	32806	6/11/2001
Pierce,Mary	L-M	32656	6/1/2001

Fig. 29

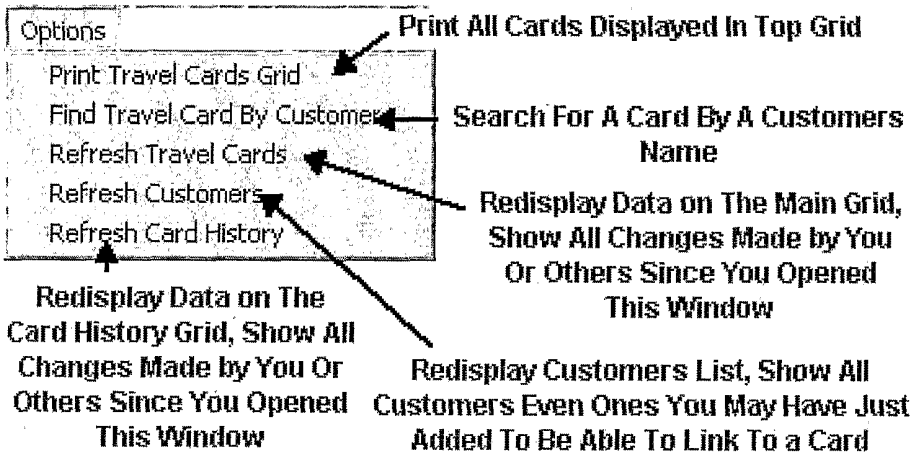

Options
Print Travel Cards Grid
Find Travel Card By Customer
Refresh Travel Cards
Refresh Customers
Refresh Card History
Print All Cards Displayed In Top Grid
Search For A Card By A Customers Name
Redisplay Data on The Main Grid, Show All Changes Made by You Or Others Since You Opened This Window
Redisplay Data on The Card History Grid, Show All Changes Made by You Or Others Since You Opened This Window
Redisplay Customers List, Show All Customers Even Ones You May Have Just Added To Be Able To Link To a Card

Fig. 30

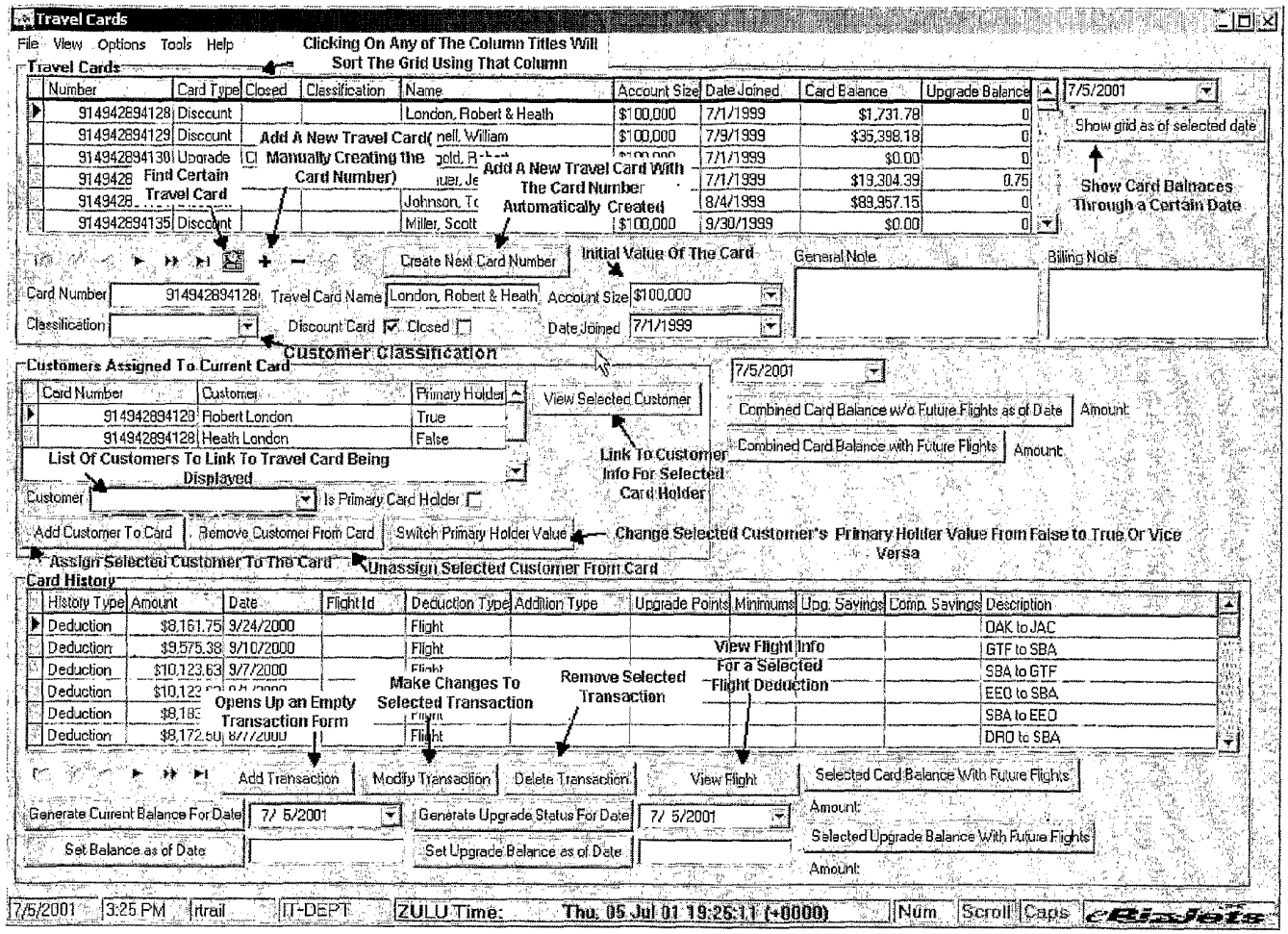
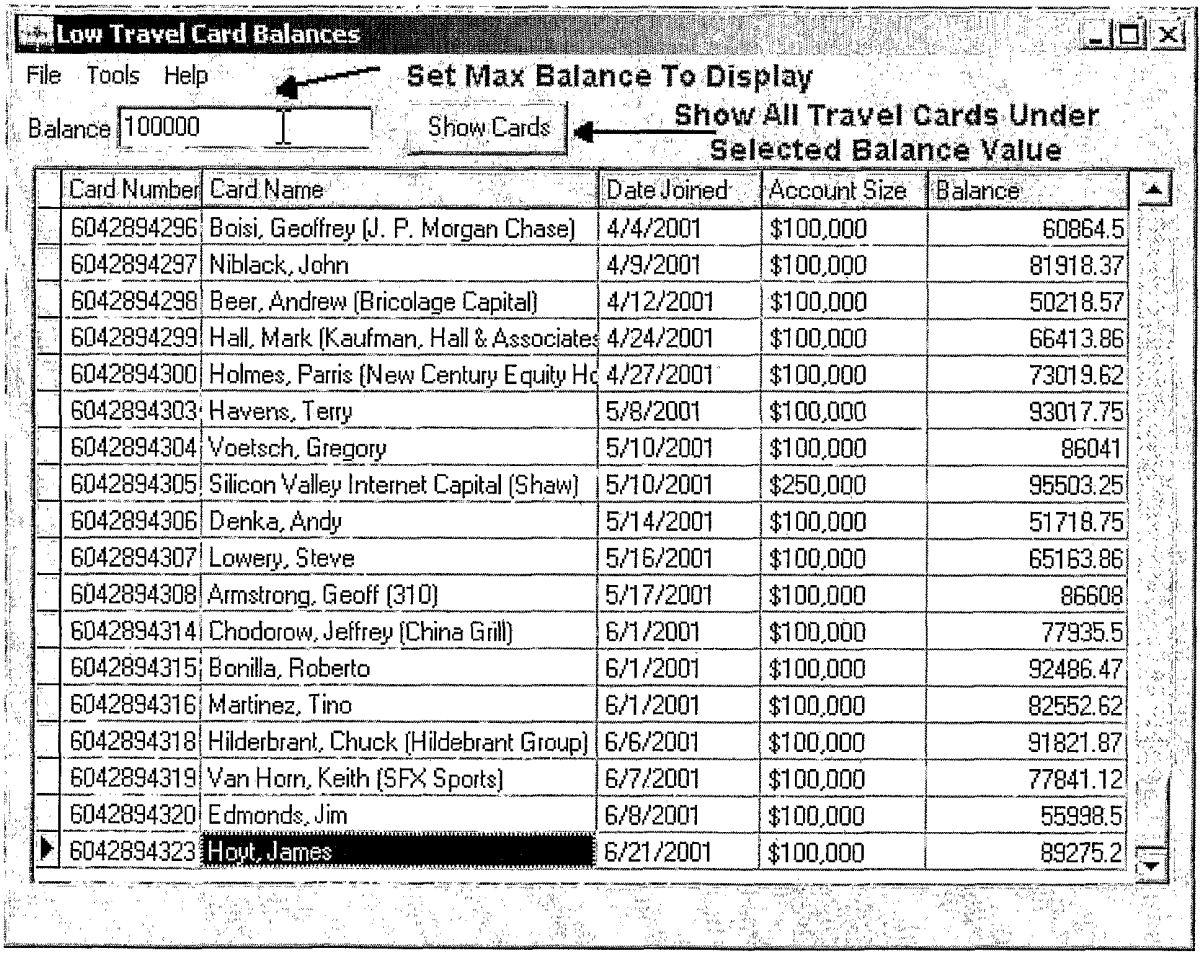

Travel Cards
File View Options Tools Help
Clicking On Any of The Column Titles Will Sort The Grid Using That Column
Travel Cards
Number
Card Type
Closed
Classification
Name
Account Size
Date Joined
Card Balance
Upgrade Balance
914942894128 Discount London, Robert & Heath $100,000 7/1/1999 $1,731.78 0
914942894129 Discount $100,000 7/9/1999 $35,398.18 0
914942894130 Upgrade $100,000 7/1/1999 $0.00 0
914942894 $100,000 7/1/1999 $19,304.39 0.75
914942894 Johnson, Tc $100,000 8/4/1999 $83,957.15 0
914942894135 Discount Miller, Scott $100,000 9/30/1999 $0.00 0
7/5/2001
Show grid as of selected date
Show Card Balnaces Through a Certain Date
Add A New Travel Card(Manually Creating the Card Number)
Find Certain Travel Card
Add A New Travel Card With The Card Number Automatically Created
Create Next Card Number
Initial Value Of The Card
General Note
Billing Note
Card Number 914942894128
Travel Card Name London, Robert & Heath
Account Size $100,000
Classification
Discount Card
Closed
Date Joined 7/1/1999
Customer Classification
Customers Assigned To Current Card
Card Number
Customer
Primary Holder
914942894129 Robert London True
914942894128 Heath London False
View Selected Customer
Link To Customer Info For Selected Card Holder
List Of Customers To Link To Travel Card Being Displayed
Customer
Is Primary Card Holder
Add Customer To Card
Remove Customer From Card
Switch Primary Holder Value
Change Selected Customer's Primary Holder Value From False to True Or Vice Versa
Assign Selected Customer To The Card
Unassign Selected Customer From Card
7/5/2001
Combined Card Balance w/o Future Flights as of Date
Amount:
Combined Card Balance with Future Flights
Amount:
Card History
History Type
Amount
Date
Flight Id
Deduction Type
Addition Type
Upgrade Points
Minimums
Upg. Savings
Comp. Savings
Description
Deduction $8,161.75 9/24/2000 Flight OAK to JAC
Deduction $9,575.38 9/10/2000 Flight GTF to SBA
Deduction $10,123.63 9/7/2000 Flight SBA to GTF
Deduction EEO to SBA
Deduction SBA to EEO
Deduction $8,172.50 Flight DRO to SBA
Opens Up an Empty Transaction Form
Make Changes To Selected Transaction
Remove Selected Transaction
View Flight Info For a Selected Flight Deduction
Add Transaction
Modify Transaction
Delete Transaction
View Flight
Selected Card Balance With Future Flights
Amount:
Generate Current Balance For Date
7/ 5/2001
Set Balance as of Date
Generate Upgrade Status For Date
7/ 5/2001
Set Upgrade Balance as of Date
Selected Upgrade Balance With Future Flights
Amount:
7/5/2001 3:25 PM rtrail IT-DEPT ZULU Time: Thu, 05 Jul 01 19:25:11 (+0000) Num Scroll Caps

Fig. 31



Card Number	Card Name	Date Joined	Account Size	Balance
6042894296	Boisi, Geoffrey (J. P. Morgan Chase)	4/4/2001	$100,000	60864.5
6042894297	Niblack, John	4/9/2001	$100,000	81918.37
6042894298	Beer, Andrew (Bricolage Capital)	4/12/2001	$100,000	50218.57
6042894299	Hall, Mark (Kaufman, Hall & Associates	4/24/2001	$100,000	66413.86
6042894300	Holmes, Parris (New Century Equity Hc	4/27/2001	$100,000	73019.62
6042894303	Havens, Terry	5/8/2001	$100,000	93017.75
6042894304	Voetsch, Gregory	5/10/2001	$100,000	86041
6042894305	Silicon Valley Internet Capital (Shaw)	5/10/2001	$250,000	95503.25
6042894306	Denka, Andy	5/14/2001	$100,000	51718.75
6042894307	Lowery, Steve	5/16/2001	$100,000	65163.86
6042894308	Armstrong, Geoff (310)	5/17/2001	$100,000	86608
6042894314	Chodorow, Jeffrey (China Grill)	6/1/2001	$100,000	77935.5
6042894315	Bonilla, Roberto	6/1/2001	$100,000	92486.47
6042894316	Martinez, Tino	6/1/2001	$100,000	82552.62
6042894318	Hilderbrant, Chuck (Hildebrant Group)	6/6/2001	$100,000	91821.87
6042894319	Van Horn, Keith (SFX Sports)	6/7/2001	$100,000	77841.12
6042894320	Edmonds, Jim	6/8/2001	$100,000	55998.5
6042894323	Hoyt, James	6/21/2001	$100,000	89275.2

Double-Clicking On A Card Holders Name Will Bring You To The Travel Cards Info Page For That Customer

Fig. 32

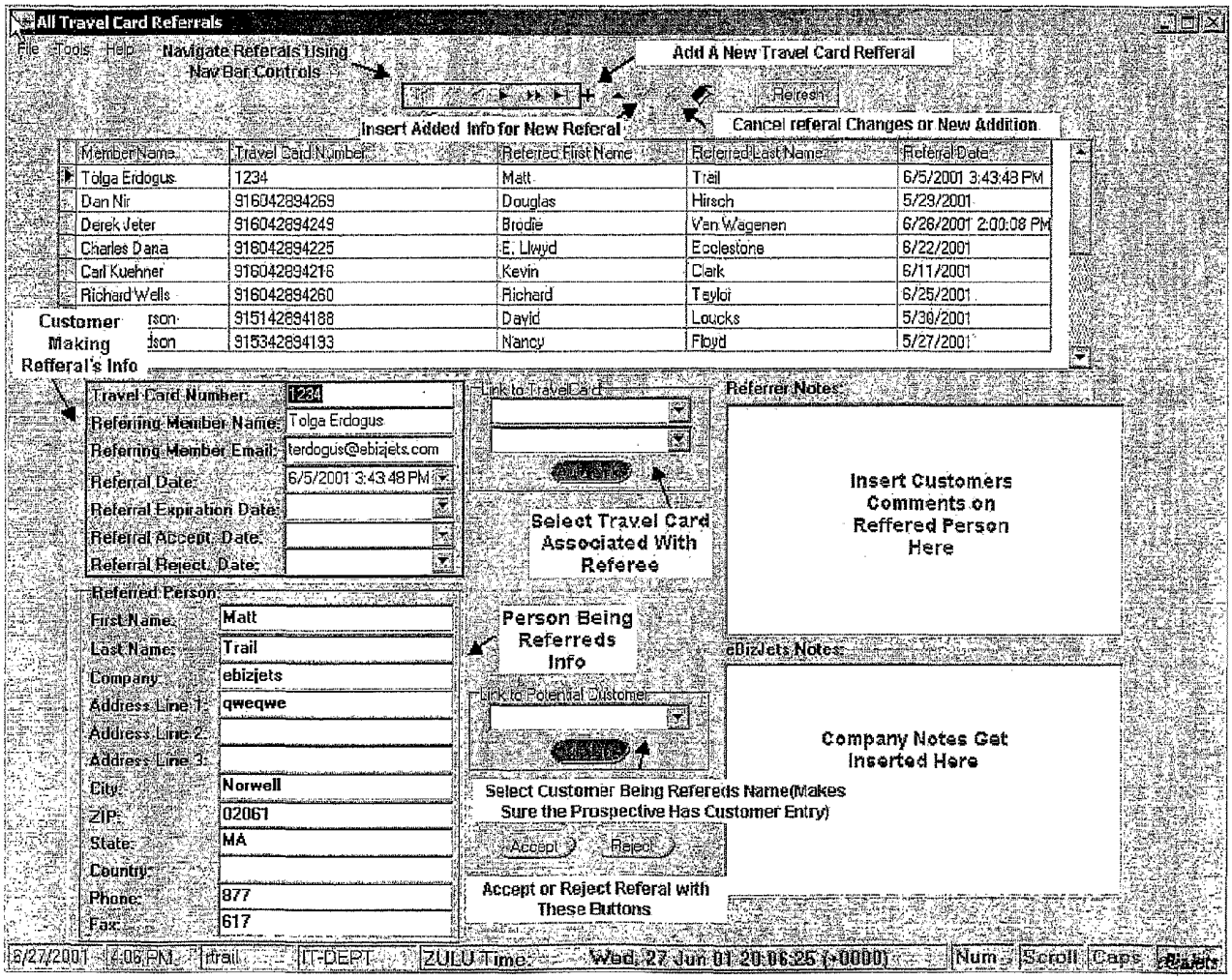

All Travel Card Referrals
File Tools Help
Navigate Referals Using Nav Bar Controls
Add A New Travel Card Refferal
Refresh
Insert Added Info for New Referal
Cancel referal Changes or New Addition
Member Name
Travel Card Number
Referred First Name
Referral Last Name
Referral Date
Tolga Erdogus 1234 Matt Trail 6/5/2001 3:43:48 PM
Dan Nir 916042894269 Douglas Hirsch 5/29/2001
Derek Jeter 916042894249 Brodie Van Wagenen 6/26/2001 2:00:08 PM
Charles Dana 916042894225 E. Llwyd Ecclestone 6/22/2001
Carl Kuehner 916042894216 Kevin Clark 6/11/2001
Richard Wells 916042894260 Richard Taylor 6/25/2001
915142894188 David Loucks 5/30/2001
915342894193 Nancy Floyd 5/27/2001
Customer Making Refferal's Info
Travel Card Number: 1234
Referring Member Name: Tolga Erdogus
Referring Member Email: terdogus@ebizjets.com
Referral Date: 6/5/2001 3:43:48 PM
Referral Expiration Date:
Referral Accept Date:
Referral Reject Date:
Link to TravelCard
Select Travel Card Associated With Referee
Referrer Notes:
Insert Customers Comments on Reffered Person Here
Referred Person
First Name: Matt
Last Name: Trail
Company: ebizjets
Address Line 1: qweqwe
Address Line 2:
Address Line 3:
City: Norwell
ZIP: 02061
State: MA
Country:
Phone: 877
Fax: 617
Person Being Referreds Info
Link to Potential Customer
eBizJets Notes:
Company Notes Get Inserted Here
Select Customer Being Refereds Name(Makes Sure the Prospective Has Customer Entry)
Accept
Reject
Accept or Reject Referal with These Buttons
6/27/2001 4:06 PM trail IT-DEPT ZULU Time: Wed, 27 Jun 01 20:06:25 (+0000) Num Scroll Caps

Fig. 33

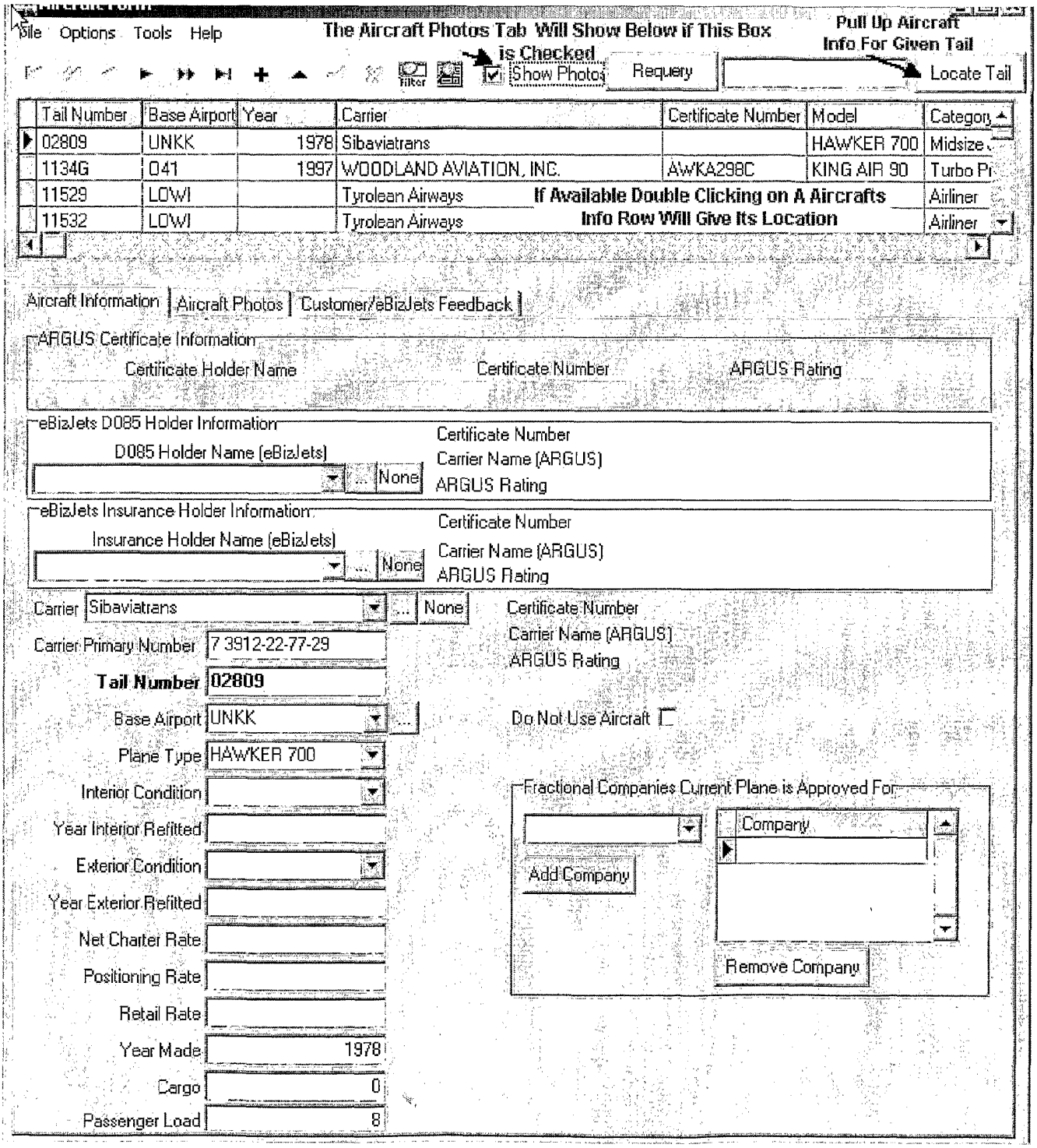

File Options Tools Help
The Aircraft Photos Tab Will Show Below if This Box is Checked
Show Photos
Requery
Pull Up Aircraft Info For Given Tail
Locate Tail
Tail Number
Base Airport
Year
Carrier
Certificate Number
Model
Category
02809 UNKK 1978 Sibaviatrans HAWKER 700 Midsize
1134G 041 1997 WOODLAND AVIATION, INC. AWKA298C KING AIR 90 Turbo Pr
11529 LOWI Tyrolean Airways Airliner
11532 LOWI Tyrolean Airways Airliner
If Available Double Clicking on A Aircrafts Info Row Will Give Its Location
Aircraft Information
Aircraft Photos
Customer/eBizJets Feedback
ARGUS Certificate Information
Certificate Holder Name
Certificate Number
ARGUS Rating
eBizJets D085 Holder Information
D085 Holder Name (eBizJets)
None
Certificate Number
Carrier Name (ARGUS)
ARGUS Rating
eBizJets Insurance Holder Information
Insurance Holder Name (eBizJets)
None
Certificate Number
Carrier Name (ARGUS)
ARGUS Rating
Carrier Sibaviatrans
None
Certificate Number
Carrier Name (ARGUS)
ARGUS Rating
Carrier Primary Number 7 3912-22-77-29
Tail Number 02809
Base Airport UNKK
Plane Type HAWKER 700
Interior Condition
Year Interior Refitted
Exterior Condition
Year Exterior Refitted
Net Charter Rate
Positioning Rate
Retail Rate
Year Made 1978
Cargo 0
Passenger Load 8
Do Not Use Aircraft
Fractional Companies Current Plane is Approved For
Company
Add Company
Remove Company

Fig. 34

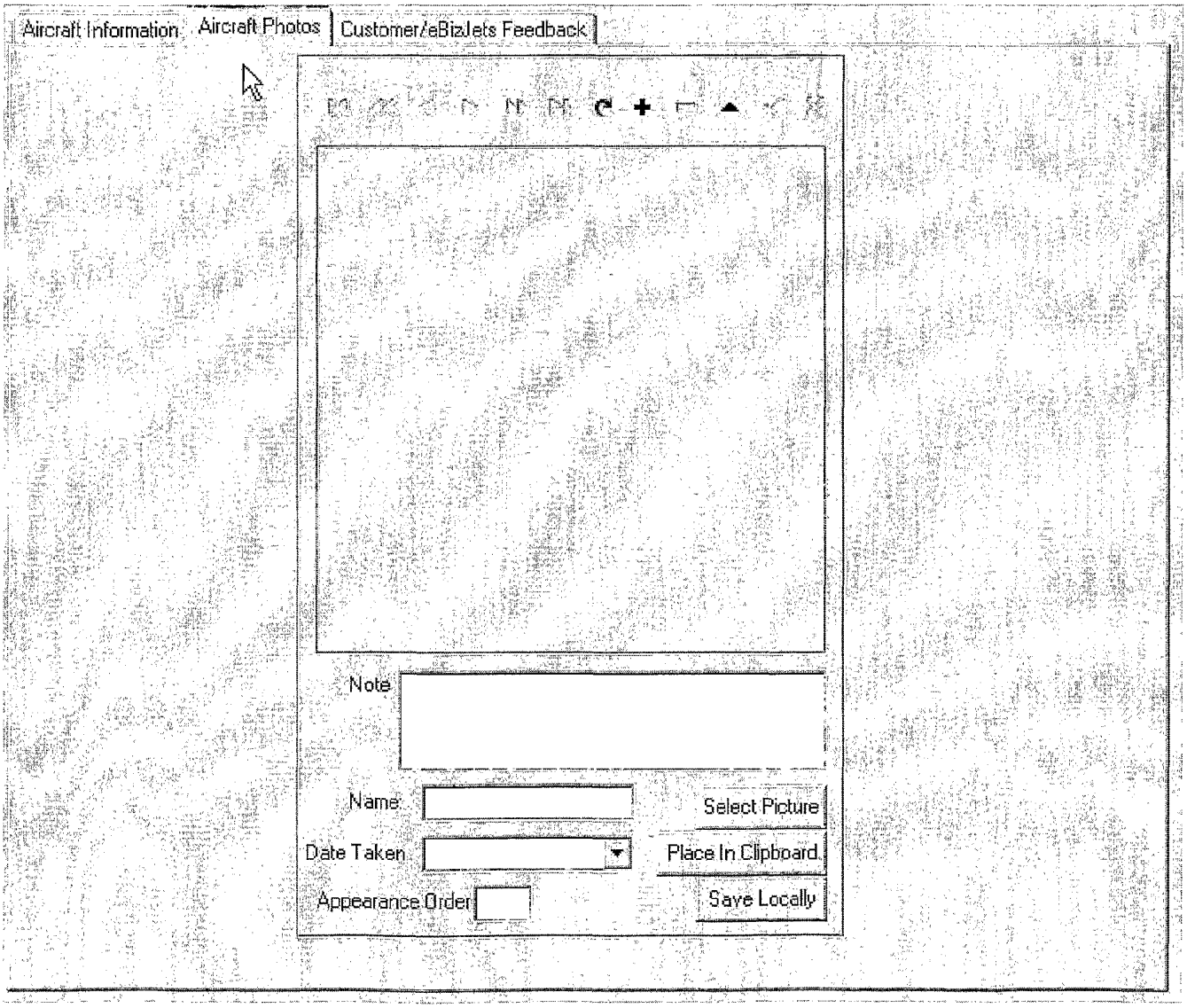

Aircraft Information
Aircraft Photos
Customer/eBizJets Feedback
Note
Name
Date Taken
Appearance Order
Select Picture
Place In Clipboard
Save Locally

Fig. 35

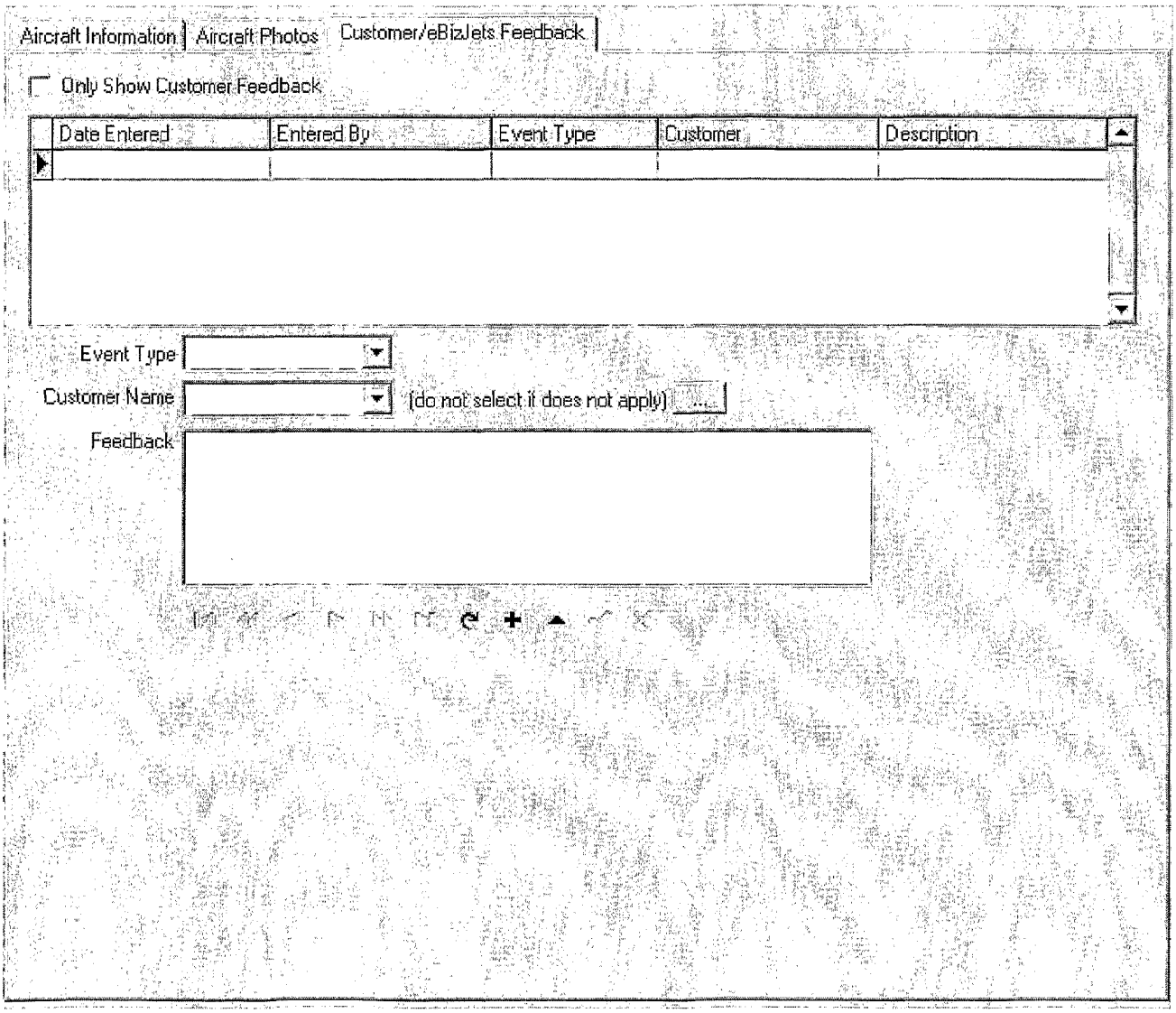

Aircraft Information
Aircraft Photos
Customer/eBizJets Feedback
Only Show Customer Feedback
Date Entered
Entered By
Event Type
Customer
Description
Event Type
Customer Name
(do not select it does not apply)
Feedback

Fig. 36

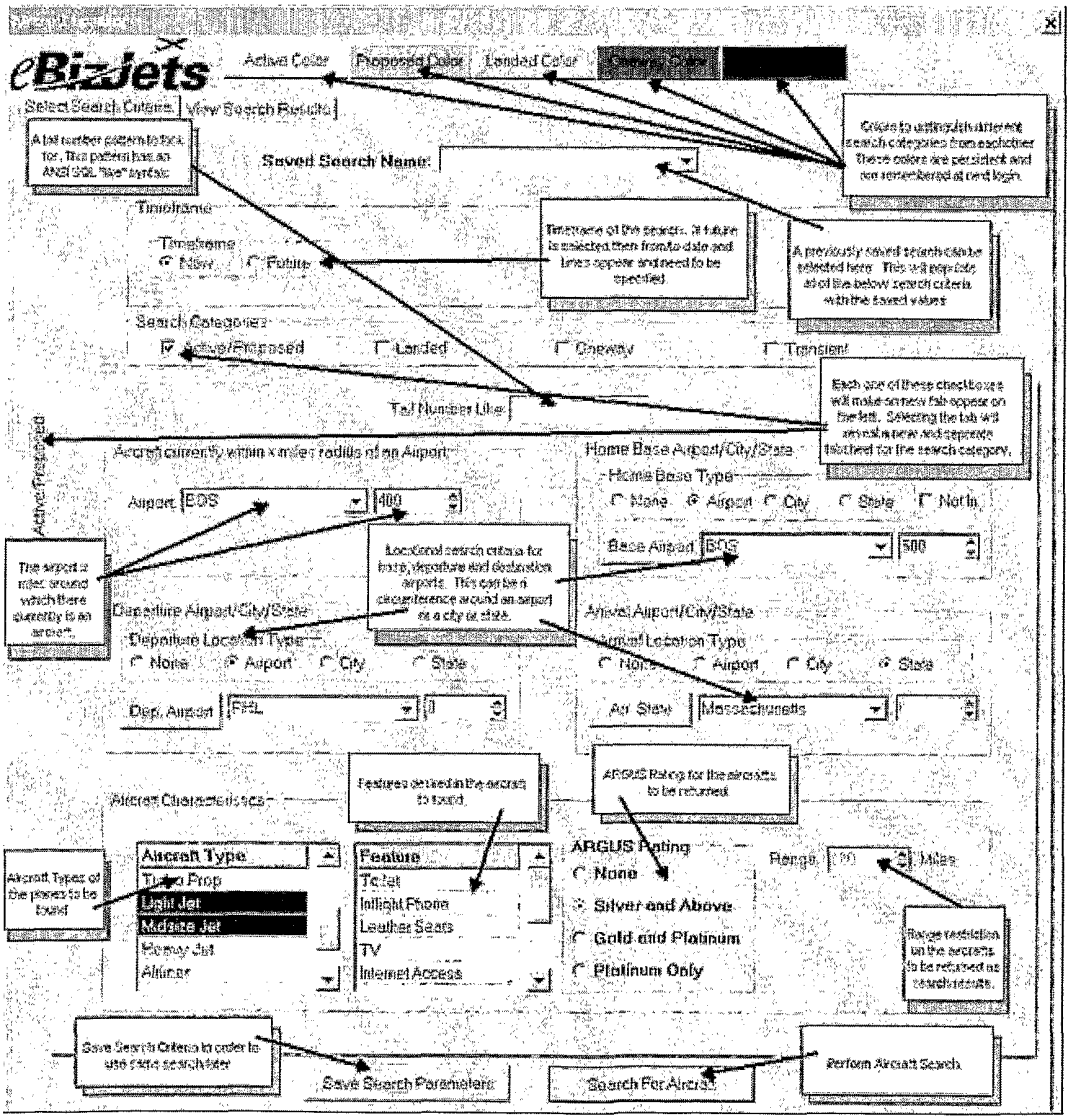

eBizJets
Active Color
Proposed Color
Landed Color
Select Search Criteria
View Search Results
Saved Search Name:
Timeframe
Timeframe:
Now
Future
Search Categories:
Active/Proposed
Landed
Gateway
Transient
Tail Number Like:
Aircraft currently within x miles radius of an Airport:
Airport
BOS
400
Home Base Airport/City/State:
Home Base Type:
None
Airport
City
State
North
Base Airport
BOS
500
Departure Airport/City/State:
Departure Location Type:
None
Airport
City
State
Dep. Airport
PHL
0
Arrival Airport/City/State:
Arrival Location Type:
None
Airport
City
State
Arr. State
Massachusetts
Aircraft Characteristics:
Aircraft Type
Turbo Prop
Light Jet
Midsize Jet
Runway Jet
Airliner
Feature
Telset
Inflight Phone
Leather Seats
TV
Internet Access
ARGUS Rating
None
Silver and Above
Gold and Platinum
Platinum Only
Range
Miles
Save Search Criteria
Save Search Parameters
Search For Aircraft
Perform Aircraft Search

Fig. 37

Aircraft Locator
eBizjets
Active Color
Proposed Color
Landed Color
Select Search Criteria
View Search Results
Search Results
Select All
Unselect All
Flight Status
Tail Number
Model
Category
ARGUS Rating
Dep. Airport
Dep. City
Dep. State
Dest. Airport
Dest. City
Dest. State
Base Airport
P N808FL CITATION VII Midsize Jet Silver PHL Philadelphia PA HYA Hyannis MA PVD
P N808FL CITATION VII Midsize Jet Silver PHL Philadelphia PA HYA Hyannis MA PVD
2 Aircraft Found
Create Watch List from Selected
0 Aircraft Selected

Fig. 38

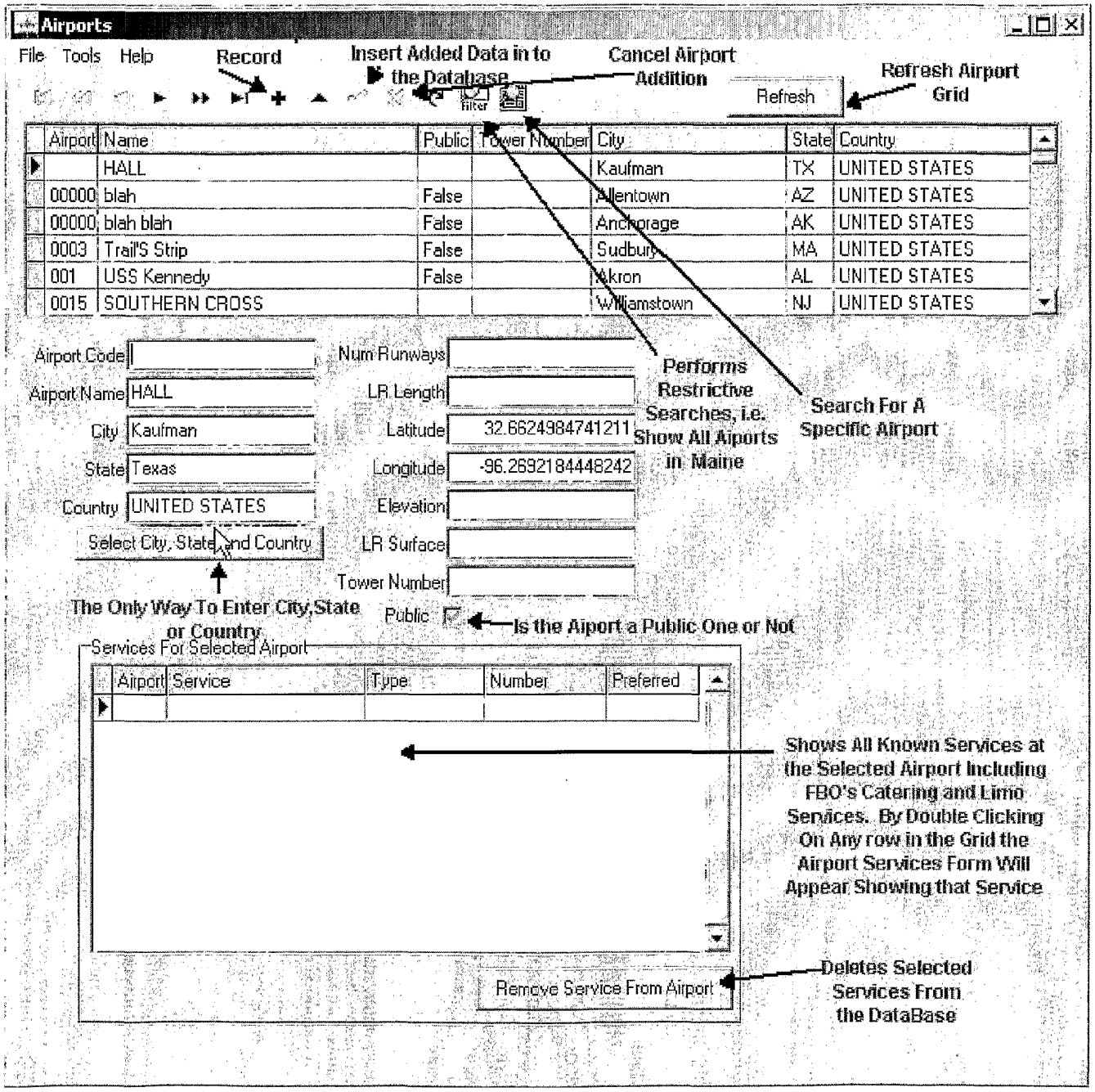

Airports
File Tools Help
Record
Insert Added Data in to the Database
Cancel Airport Addition
Refresh
Refresh Airport Grid
Airport Name Public Tower Number City State Country
HALL Kaufman TX UNITED STATES
00000 blah False Allentown AZ UNITED STATES
00000 blah blah False Anchorage AK UNITED STATES
0003 Trail'S Strip False Sudbury MA UNITED STATES
001 USS Kennedy False Akron AL UNITED STATES
0015 SOUTHERN CROSS Williamstown NJ UNITED STATES
Airport Code
Airport Name HALL
City Kaufman
State Texas
Country UNITED STATES
Select City, State and Country
Num Runways
LR Length
Latitude 32.6624984741211
Longitude -96.2692184448242
Elevation
LR Surface
Tower Number
Public
Performs Restrictive Searches, i.e. Show All Aiports in Maine
Search For A Specific Airport
The Only Way To Enter City, State or Country
Is the Aiport a Public One or Not
Services For Selected Airport
Airport Service Type Number Preferred
Shows All Known Services at the Selected Airport Including FBO's Catering and Limo Services. By Double Clicking On Any row in the Grid the Airport Services Form Will Appear Showing that Service
Remove Service From Airport
Deletes Selected Services From the DataBase

Fig. 39

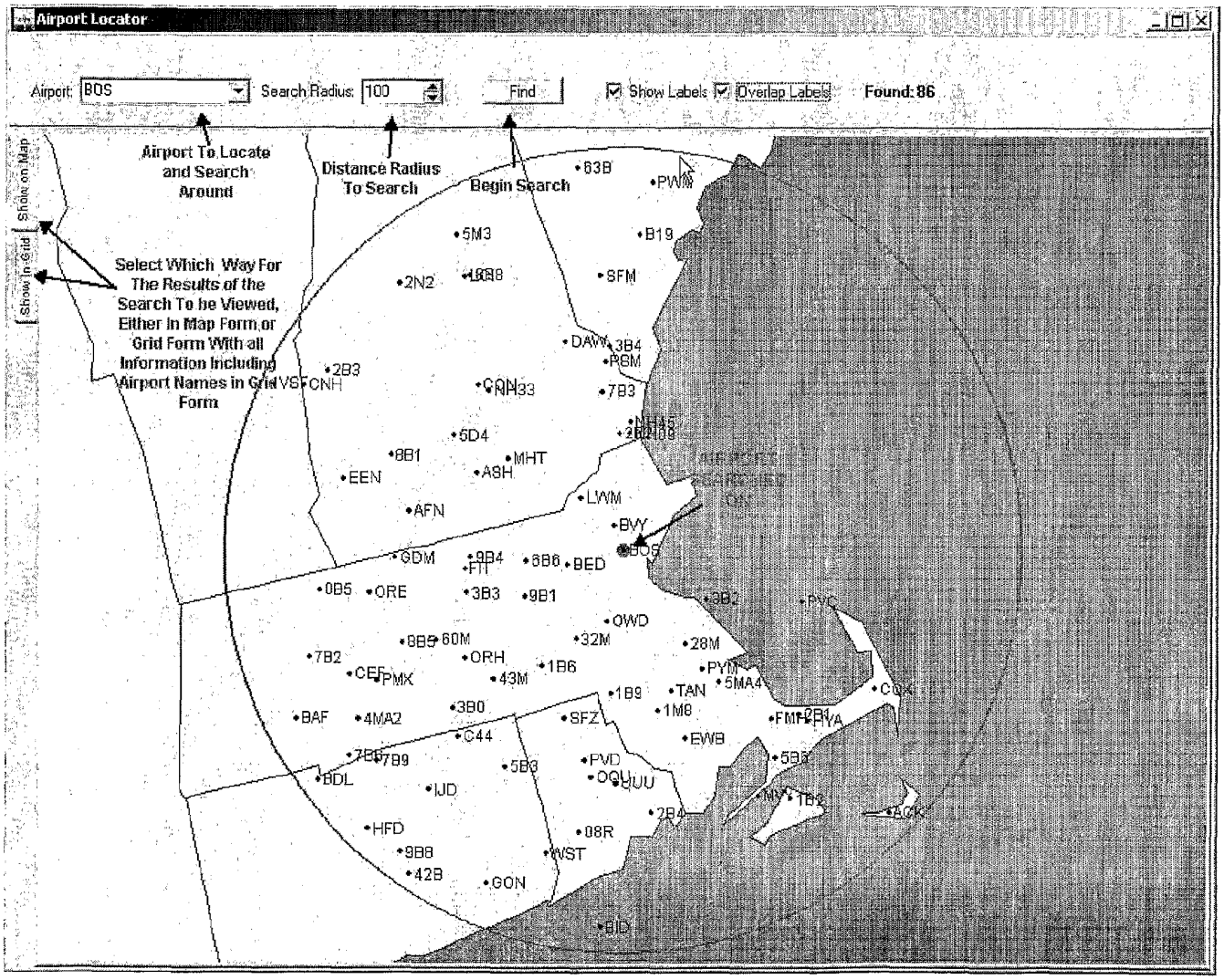

Airport Locator
Airport: BOS
Search Radius: 100
Find
Show Labels
Overlap Labels
Found: 86
Airport To Locate and Search Around
Distance Radius To Search
Begin Search
Select Which Way For The Results of the Search To be Viewed, Either In Map Form or Grid Form With all Information Including Airport Names in Grid Form
Show on Map
Show In Grid
63B
PWM
5M3
B19
2N2
SFM
DAW
3B4
PSM
2B3
CNH
7B3
5D4
8B1
MHT
EEN
ASH
LWM
AFN
BVY
GDM
9B4
6B6
BED
0B5
ORE
3B3
9B1
3B2
PVC
OWD
8B5
60M
32M
28M
7B2
ORH
1B6
PYM
CEF
PMX
43M
5MA4
1B9
TAN
COX
BAF
4MA2
3B0
SFZ
1M8
C44
EWB
7B9
5B3
PVD
BDL
IJD
OQU
QUU
1B2
ACK
HFD
08R
9B8
WST
42B
GON
BID

Fig. 40

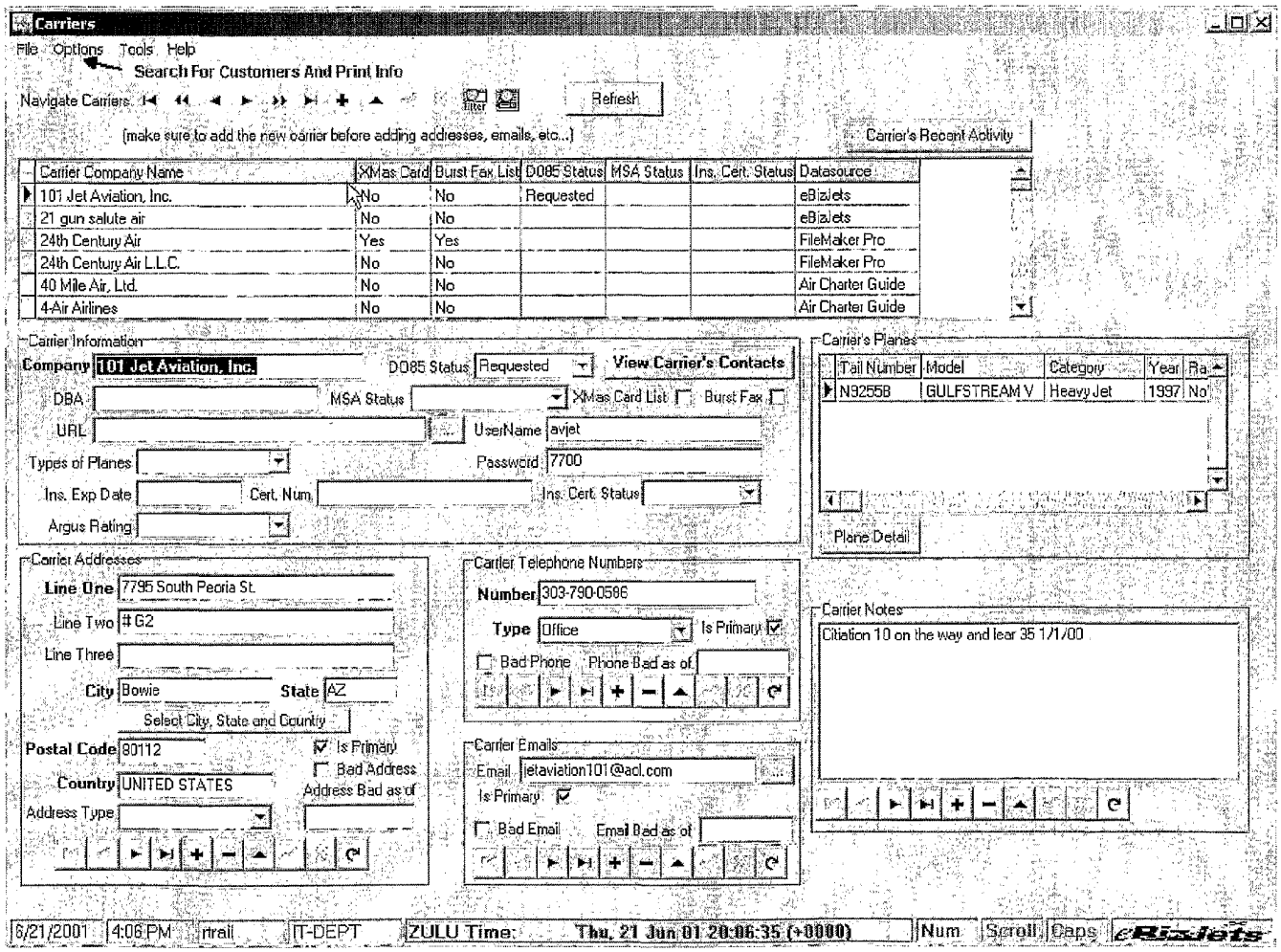

Carriers
File Options Tools Help
Search For Customers And Print Info
Navigate Carriers
Refresh
(make sure to add the new carrier before adding addresses, emails, etc...)
Carrier's Recent Activity
Carrier Company Name | XMas Card | Burst Fax List | DO85 Status | MSA Status | Ins. Cert. Status | Datasource
101 Jet Aviation, Inc. | No | No | Requested | | | eBizJets
21 gun salute air | No | No | | | | eBizJets
24th Century Air | Yes | Yes | | | | FileMaker Pro
24th Century Air L.L.C. | No | No | | | | FileMaker Pro
40 Mile Air, Ltd. | No | No | | | | Air Charter Guide
4-Air Airlines | No | No | | | | Air Charter Guide
Carrier Information
Company 101 Jet Aviation, Inc.
DO85 Status Requested
View Carrier's Contacts
DBA
MSA Status
XMas Card List
Burst Fax
URL
UserName avjet
Types of Planes
Password 7700
Ins. Exp Date
Cert. Num
Ins. Cert. Status
Argus Rating
Carrier's Planes
Tail Number | Model | Category | Year | Ra
N9255B | GULFSTREAM V | Heavy Jet | 1997 | No
Plane Detail
Carrier Addresses
Line One 7795 South Peoria St.
Line Two # G2
Line Three
City Bowie
State AZ
Select City, State and Country
Postal Code 80112
Is Primary
Bad Address
Address Bad as of
Country UNITED STATES
Address Type
Carrier Telephone Numbers
Number 303-790-0596
Type Office
Is Primary
Bad Phone
Phone Bad as of
Carrier Emails
Email jetaviation101@acl.com
Is Primary
Bad Email
Email Bad as of
Carrier Notes
Citiation 10 on the way and lear 35 1/1/00
6/21/2001 4:06 PM rtrail IT-DEPT ZULU Time: Thu, 21 Jun 01 20:06:35 (+0000) Num Scroll Caps eBizJets

Fig. 41

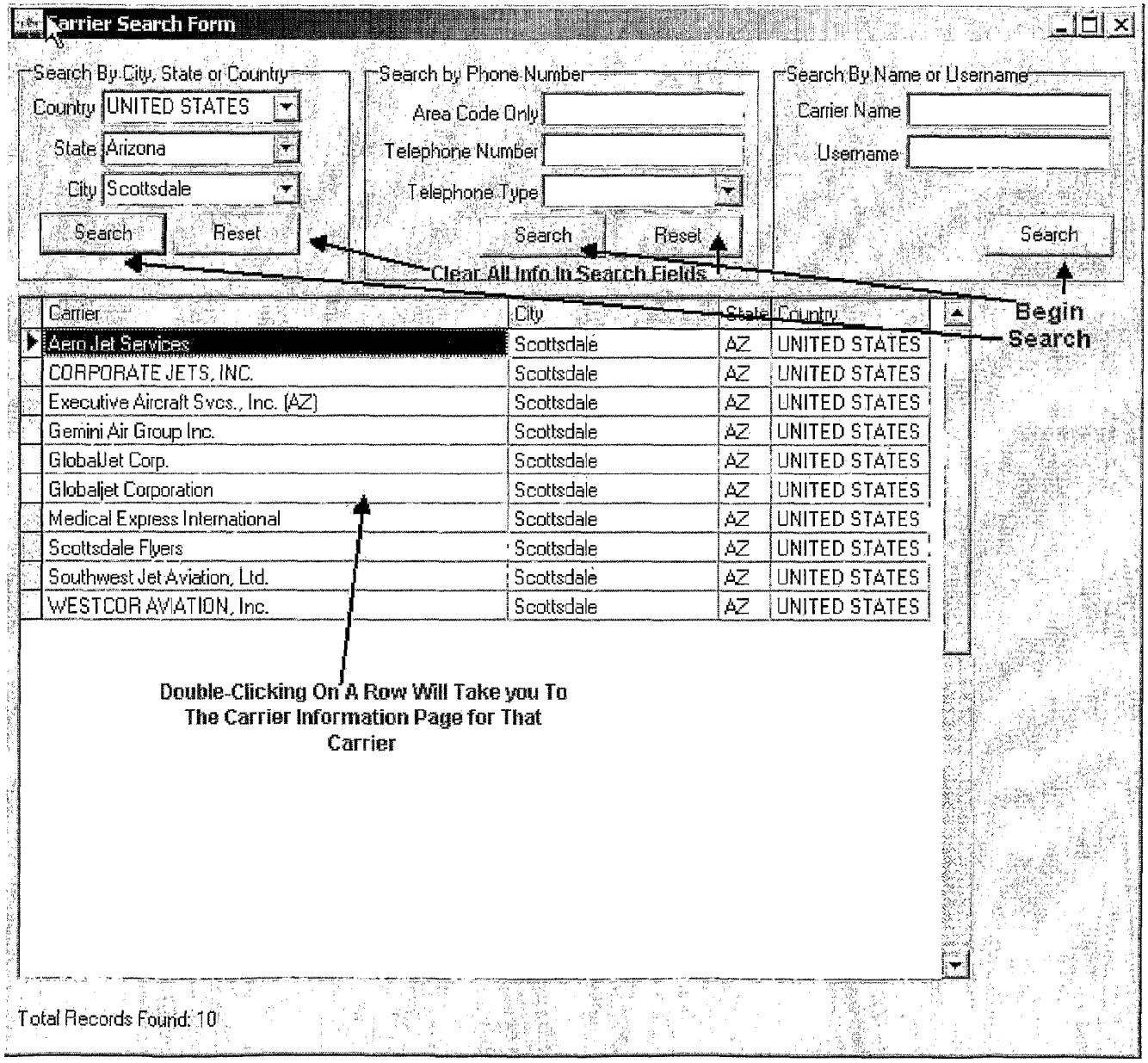

Carrier Search Form
Search By City, State or Country
Country UNITED STATES
State Arizona
City Scottsdale
Search
Reset
Search by Phone Number
Area Code Only
Telephone Number
Telephone Type
Search
Reset
Search By Name or Username
Carrier Name
Username
Search
Clear All Info In Search Fields
Begin Search
Carrier
City
State
Country
Aero Jet Services
Scottsdale
AZ
UNITED STATES
CORPORATE JETS, INC.
Scottsdale
AZ
UNITED STATES
Executive Aircraft Svcs., Inc. (AZ)
Scottsdale
AZ
UNITED STATES
Gemini Air Group Inc.
Scottsdale
AZ
UNITED STATES
GlobalJet Corp.
Scottsdale
AZ
UNITED STATES
Globaljet Corporation
Scottsdale
AZ
UNITED STATES
Medical Express International
Scottsdale
AZ
UNITED STATES
Scottsdale Flyers
Scottsdale
AZ
UNITED STATES
Southwest Jet Aviation, Ltd.
Scottsdale
AZ
UNITED STATES
WESTCOR AVIATION, Inc.
Scottsdale
AZ
UNITED STATES
Double-Clicking On A Row Will Take you To The Carrier Information Page for That Carrier
Total Records Found: 10

Fig. 42

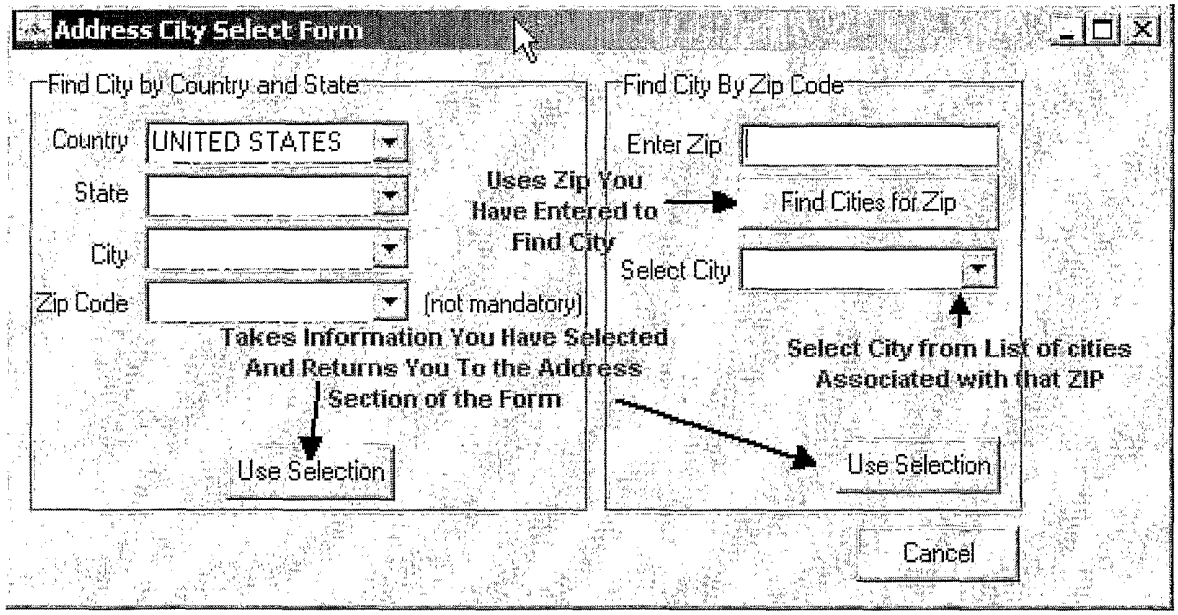

Address City Select Form
Find City by Country and State
Country
UNITED STATES
State
City
Zip Code
(not mandatory)
Takes Information You Have Selected And Returns You To the Address Section of the Form
Use Selection
Uses Zip You Have Entered to Find City
Find City By Zip Code
Enter Zip
Find Cities for Zip
Select City
Select City from List of cities Associated with that ZIP
Use Selection
Cancel

Fig. 43

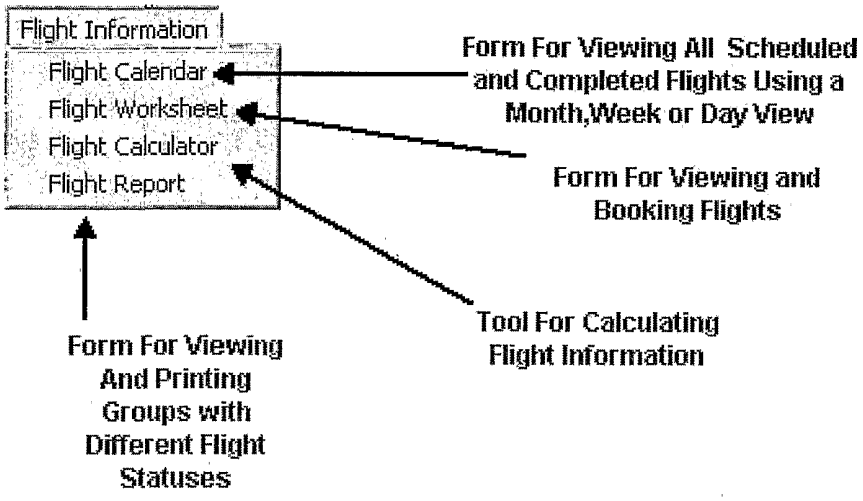

Flight Information
Flight Calendar
Flight Worksheet
Flight Calculator
Flight Report
Form For Viewing All Scheduled and Completed Flights Using a Month,Week or Day View
Form For Viewing and Booking Flights
Tool For Calculating Flight Information
Form For Viewing And Printing Groups with Different Flight Statuses

Fig. 44

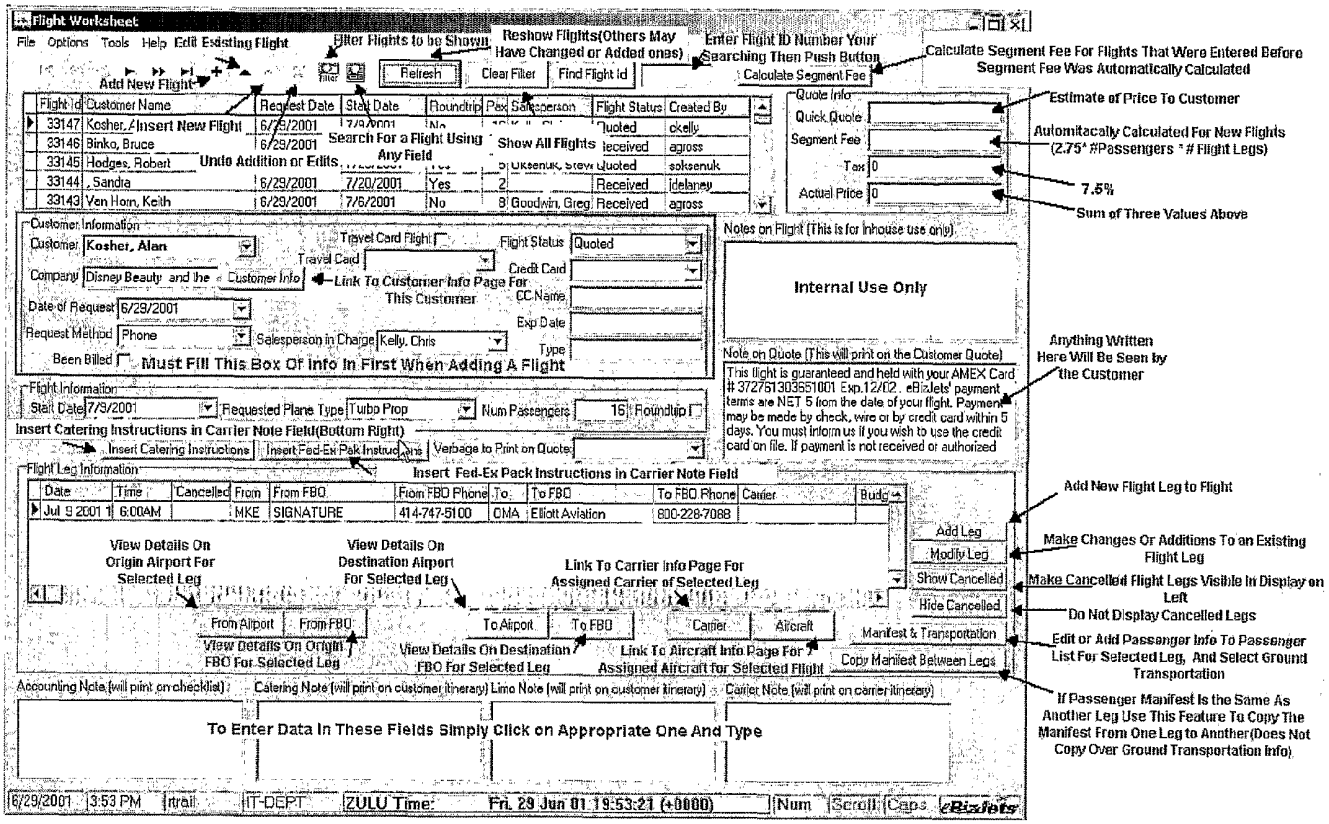
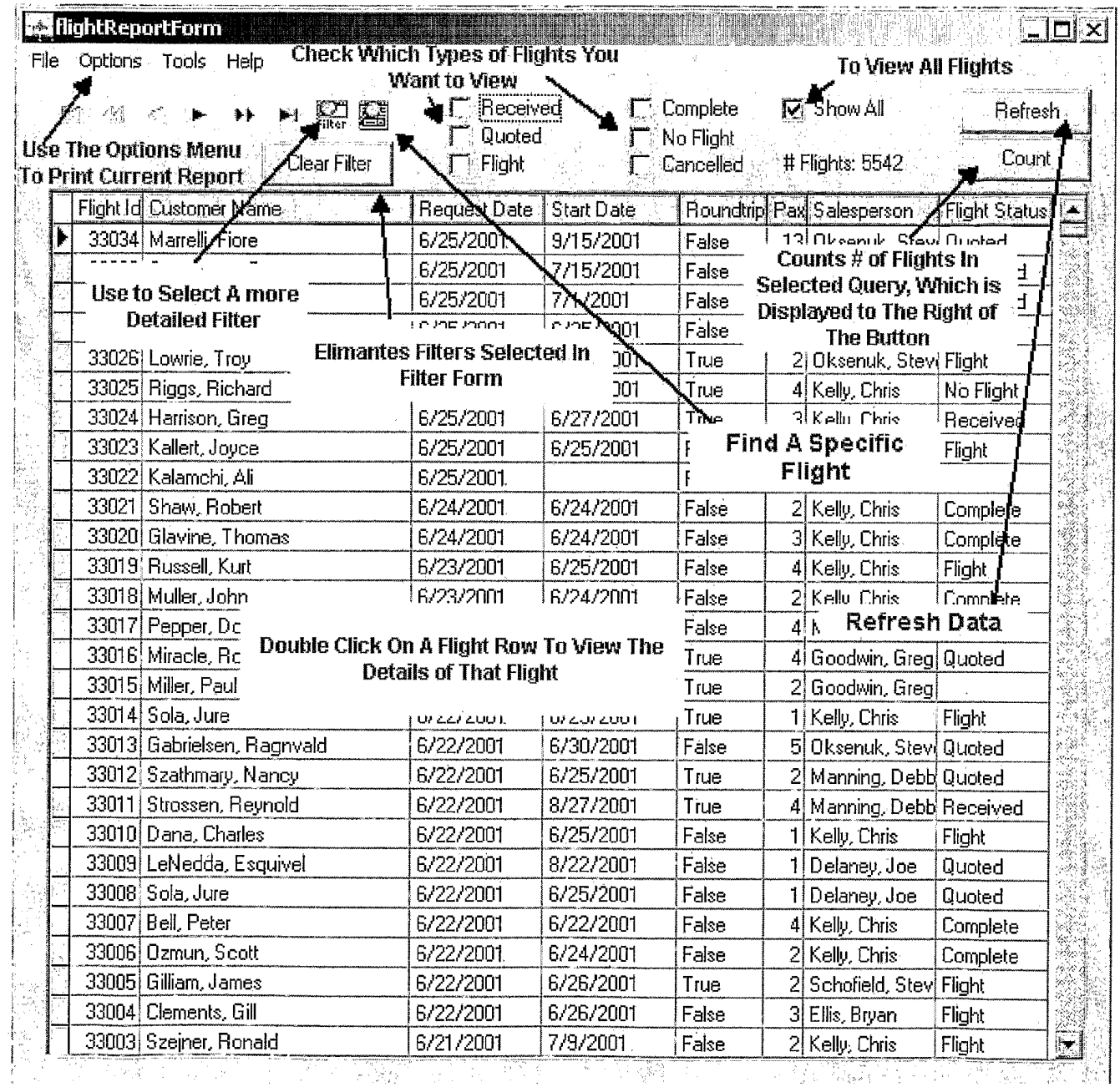

Flight Worksheet
File Options Tools Help Edit Existing Flight
Add New Flight
Filter Flights to be Shown
Reshow Flights(Others May Have Changed or Added ones)
Refresh
Clear Filter
Find Flight Id
Enter Flight ID Number Your Searching Then Push Button
Calculate Segment Fee
Calculate Segment Fee For Flights That Were Entered Before Segment Fee Was Automatically Calculated
Flight Id | Customer Name | Request Date | Start Date | Roundtrip | Pax | Salesperson | Flight Status | Created By
33147 | Kosher, Alan | 6/29/2001 | | | | | Quoted | ckelly
33146 | Binko, Bruce | 6/29/2001 | | | | | Received | agross
33145 | Hodges, Robert | | | | | Oksenuk, Steve | Quoted | soksenuk
33144 | , Sandra | 6/29/2001 | 7/20/2001 | Yes | 2 | | Received | idelaney
33143 | Ven Horn, Keith | 6/29/2001 | 7/6/2001 | No | 9 | Goodwin, Greg | Received | agross
Insert New Flight
Undo Addition or Edits
Search For a Flight Using Any Field
Show All Flights
Quote Info
Quick Quote
Segment Fee
Tax 0
Actual Price 0
Estimate of Price To Customer
Automitacally Calculated For New Flights (2.75* #Passengers * # Flight Legs)
7.5%
Sum of Three Values Above
Customer Information
Customer Kosher, Alan
Travel Card Flight
Flight Status Quoted
Travel Card
Company Disney Beauty and the
Customer Info
Link To Customer Info Page For This Customer
Credit Card
CC Name
Exp Date
Type
Date of Request 6/29/2001
Request Method Phone
Salesperson in Charge Kelly, Chris
Been Billed
Must Fill This Box Of Info In First When Adding A Flight
Notes on Flight (This is for Inhouse use only)
Internal Use Only
Note on Quote (This will print on the Customer Quote)
This flight is guaranteed and held with your AMEX Card # 372751303551001 Exp.12/02. eBizJets' payment terms are NET 5 from the date of your flight. Payment may be made by check, wire or by credit card within 5 days. You must inform us if you wish to use the credit card on file. If payment is not received or authorized
Anything Written Here Will Be Seen by the Customer
Flight Information
Start Date 7/9/2001
Requested Plane Type Turbo Prop
Num Passengers 16
Roundtrip
Insert Catering Instructions in Carrier Note Field(Bottom Right)
Insert Catering Instructions
Insert Fed-Ex Pak Instructions
Verbage to Print on Quote
Insert Fed-Ex Pack Instructions in Carrier Note Field
Flight Leg Information
Date | Time | Cancelled | From | From FBO | From FBO Phone | To | To FBO | To FBO Phone | Carrier | Budg
Jul 9 2001 | 6:00AM | | MKE | SIGNATURE | 414-747-5100 | OMA | Elliott Aviation | 800-228-7088 |
Add Leg
Modify Leg
Show Cancelled
Hide Cancelled
Manifest & Transportation
Copy Manifest Between Legs
Add New Flight Leg to Flight
Make Changes Or Additions To an Existing Flight Leg
Make Cancelled Flight Legs Visible In Display on Left
Do Not Display Cancelled Legs
Edit or Add Passenger Info To Passenger List For Selected Leg, And Select Ground Transportation
If Passenger Manifest Is the Same As Another Leg Use This Feature To Copy The Manifest From One Leg to Another(Does Not Copy Over Ground Transportation Info)
View Details On Origin Airport For Selected Leg
View Details On Destination Airport For Selected Leg
Link To Carrier Info Page For Assigned Carrier of Selected Leg
From Airport
From FBO
To Airport
To FBO
Carrier
Aircraft
View Details On Origin FBO For Selected Leg
View Details On Destination FBO For Selected Leg
Link To Aircraft Info Page For Assigned Aircraft for Selected Flight
Accounting Note (will print on checklist)
Catering Note (will print on customer itinerary)
Limo Note (will print on customer itinerary)
Carrier Note (will print on carrier itinerary)
To Enter Data In These Fields Simply Click on Appropriate One And Type
6/29/2001 3:53 PM trail IT-DEPT ZULU Time: Fri, 29 Jun 01 19:53:21 (+0000) Num Scroll Caps eBizJets

Fig. 45



Flight Id	Customer Name	Request Date	Start Date	Roundtrip	Pax	Salesperson	Flight Status
33034	Marrelli, Fiore	6/25/2001	9/15/2001	False	13	Oksenuk, Stev	Quoted
		6/25/2001	7/15/2001	False			
		6/25/2001	7/1/2001	False			
				False			
33026	Lowrie, Troy			True	2	Oksenuk, Stev	Flight
33025	Riggs, Richard			True	4	Kelly, Chris	No Flight
33024	Harrison, Greg	6/25/2001	6/27/2001	True	3	Kelly, Chris	Received
33023	Kallert, Joyce	6/25/2001	6/25/2001				Flight
33022	Kalamchi, Ali	6/25/2001					
33021	Shaw, Robert	6/24/2001	6/24/2001	False	2	Kelly, Chris	Complete
33020	Glavine, Thomas	6/24/2001	6/24/2001	False	3	Kelly, Chris	Complete
33019	Russell, Kurt	6/23/2001	6/25/2001	False	4	Kelly, Chris	Flight
33018	Muller, John	6/23/2001	6/24/2001	False	2	Kelly, Chris	Complete
33017	Pepper, Dc			False	4	K	
33016	Miracle, Rc			True	4	Goodwin, Greg	Quoted
33015	Miller, Paul			True	2	Goodwin, Greg	
33014	Sola, Jure			True	1	Kelly, Chris	Flight
33013	Gabrielsen, Ragnvald	6/22/2001	6/30/2001	False	5	Oksenuk, Stev	Quoted
33012	Szathmary, Nancy	6/22/2001	6/25/2001	True	2	Manning, Debb	Quoted
33011	Strossen, Reynold	6/22/2001	8/27/2001	True	4	Manning, Debb	Received
33010	Dana, Charles	6/22/2001	6/25/2001	False	1	Kelly, Chris	Flight
33009	LeNedda, Esquivel	6/22/2001	8/22/2001	False	1	Delaney, Joe	Quoted
33008	Sola, Jure	6/22/2001	6/25/2001	False	1	Delaney, Joe	Quoted
33007	Bell, Peter	6/22/2001	6/22/2001	False	4	Kelly, Chris	Complete
33006	Dzmun, Scott	6/22/2001	6/24/2001	False	2	Kelly, Chris	Complete
33005	Gilliam, James	6/22/2001	6/26/2001	True	2	Schofield, Stev	Flight
33004	Clements, Gill	6/22/2001	6/26/2001	False	3	Ellis, Bryan	Flight
33003	Szejner, Ronald	6/21/2001	7/9/2001	False	2	Kelly, Chris	Flight

Fig. 46

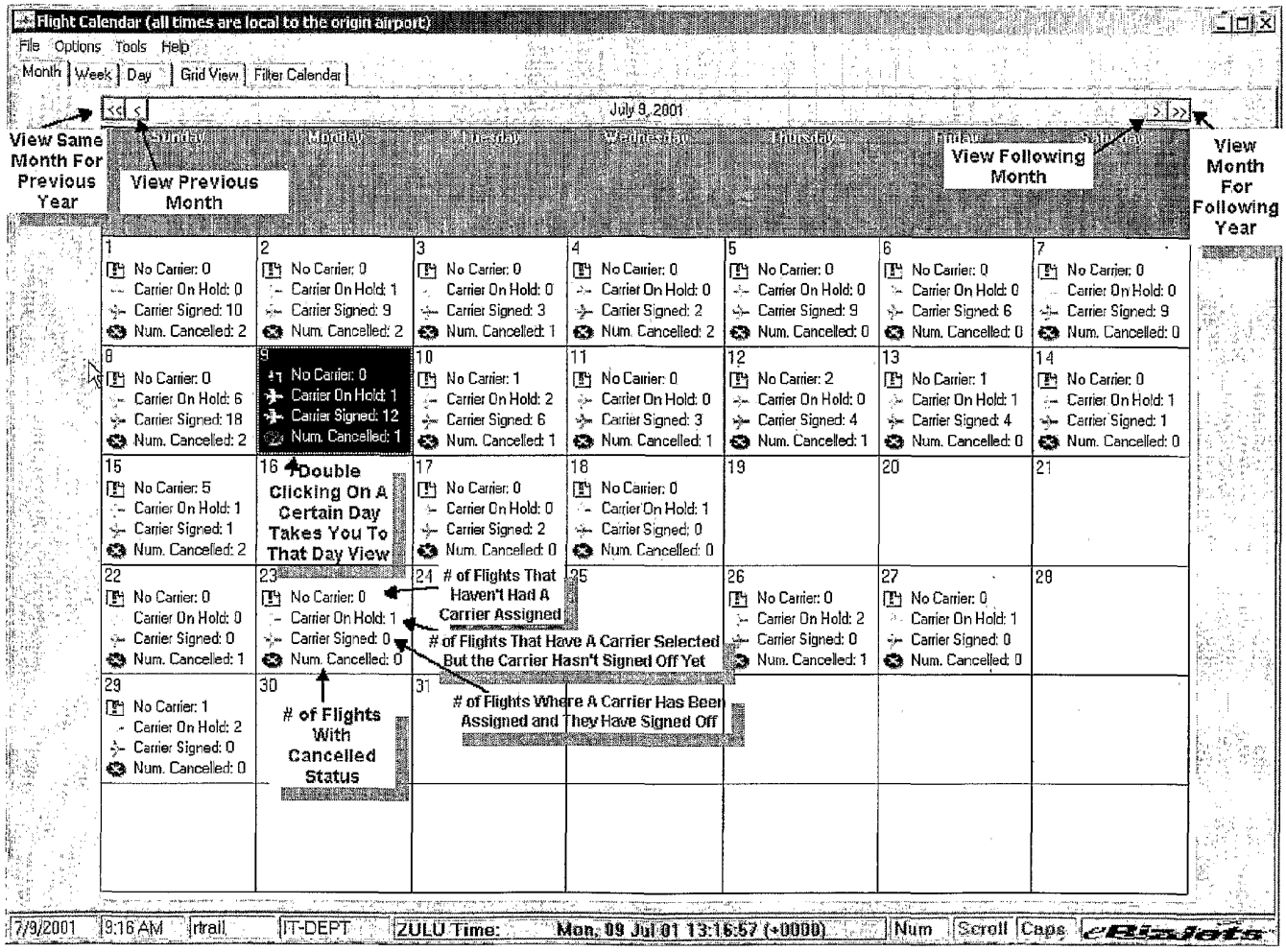

Flight Calendar (all times are local to the origin airport)
File Options Tools Help
Month Week Day Grid View Filter Calendar
July 9, 2001
View Same Month For Previous Year
View Previous Month
View Following Month
View Month For Following Year
Double Clicking On A Certain Day Takes You To That Day View
# of Flights That Haven't Had A Carrier Assigned
# of Flights That Have A Carrier Selected But the Carrier Hasn't Signed Off Yet
# of Flights Where A Carrier Has Been Assigned and They Have Signed Off
# of Flights With Cancelled Status
7/9/2001 9:16 AM rtrail IT-DEPT ZULU Time: Mon, 09 Jul 01 13:16:57 (+0000) Num Scroll Caps

Fig. 47

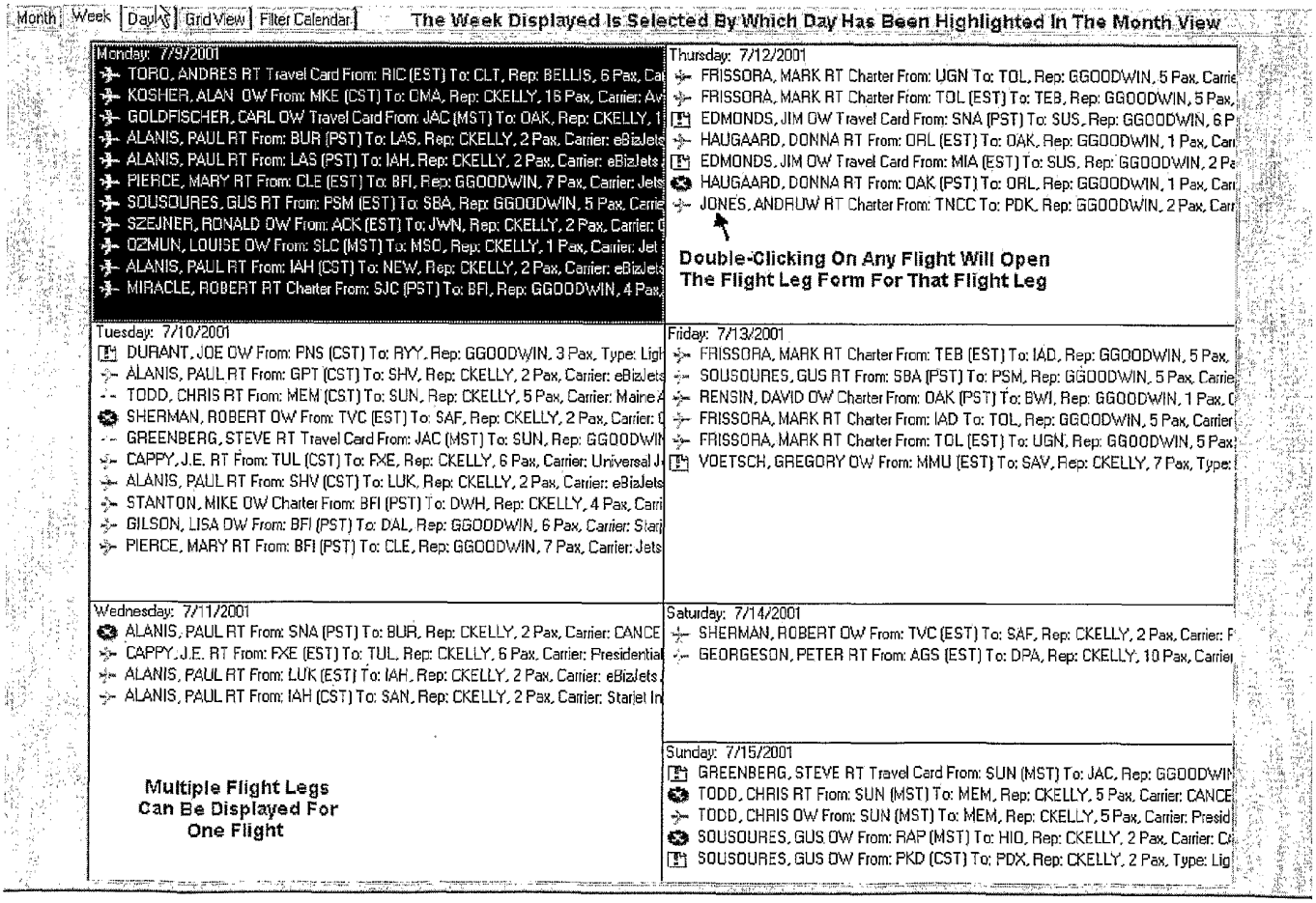

Month
Week
Day
Grid View
Filter Calendar
The Week Displayed Is Selected By Which Day Has Been Highlighted In The Month View
Monday: 7/9/2001
TORO, ANDRES RT Travel Card From: RIC (EST) To: CLT, Rep: BELLIS, 6 Pax, Cat
KOSHER, ALAN OW From: MKE (CST) To: CMA, Rep: CKELLY, 16 Pax, Carrier: Av
GOLDFISCHER, CARL OW Travel Card From: JAC (MST) To: OAK, Rep: CKELLY, 1
ALANIS, PAUL RT From: BUR (PST) To: LAS, Rep: CKELLY, 2 Pax, Carrier: eBizJets
ALANIS, PAUL RT From: LAS (PST) To: IAH, Rep: CKELLY, 2 Pax, Carrier: eBizJets
PIERCE, MARY RT From: CLE (EST) To: BFI, Rep: GGOODWIN, 7 Pax, Carrier: Jets
SOUSOURES, GUS RT From: PSM (EST) To: SBA, Rep: GGOODWIN, 5 Pax, Carrie
SZEJNER, RONALD OW From: ACK (EST) To: JWN, Rep: CKELLY, 2 Pax, Carrier:
OZMUN, LOUISE OW From: SLC (MST) To: MSO, Rep: CKELLY, 1 Pax, Carrier: Jet
ALANIS, PAUL RT From: IAH (CST) To: NEW, Rep: CKELLY, 2 Pax, Carrier: eBizJets
MIRACLE, ROBERT RT Charter From: SJC (PST) To: BFI, Rep: GGOODWIN, 4 Pax,
Thursday: 7/12/2001
FRISSORA, MARK RT Charter From: UGN To: TOL, Rep: GGOODWIN, 5 Pax, Carrie
FRISSORA, MARK RT Charter From: TOL (EST) To: TEB, Rep: GGOODWIN, 5 Pax,
EDMONDS, JIM OW Travel Card From: SNA (PST) To: SUS, Rep: GGOODWIN, 6 P
HAUGAARD, DONNA RT From: ORL (EST) To: OAK, Rep: GGOODWIN, 1 Pax, Carr
EDMONDS, JIM OW Travel Card From: MIA (EST) To: SUS, Rep: GGOODWIN, 2 Pa
HAUGAARD, DONNA RT From: OAK (PST) To: ORL, Rep: GGOODWIN, 1 Pax, Carr
JONES, ANDRUW RT Charter From: TNCC To: PDK, Rep: GGOODWIN, 2 Pax, Carr
Double-Clicking On Any Flight Will Open The Flight Leg Form For That Flight Leg
Tuesday: 7/10/2001
DURANT, JOE OW From: FNS (CST) To: RYY, Rep: GGOODWIN, 3 Pax, Type: Ligh
ALANIS, PAUL RT From: GPT (CST) To: SHV, Rep: CKELLY, 2 Pax, Carrier: eBizJets
TODD, CHRIS RT From: MEM (CST) To: SUN, Rep: CKELLY, 5 Pax, Carrier: Maine A
SHERMAN, ROBERT OW From: TVC (EST) To: SAF, Rep: CKELLY, 2 Pax, Carrier:
GREENBERG, STEVE RT Travel Card From: JAC (MST) To: SUN, Rep: GGOODWI
CAPPY, J.E. RT From: TUL (CST) To: FXE, Rep: CKELLY, 6 Pax, Carrier: Universal J
ALANIS, PAUL RT From: SHV (CST) To: LUK, Rep: CKELLY, 2 Pax, Carrier: eBizJets
STANTON, MIKE OW Charter From: BFI (PST) To: DWH, Rep: CKELLY, 4 Pax, Carri
GILSON, LISA OW From: BFI (PST) To: DAL, Rep: GGOODWIN, 6 Pax, Carrier: Star
PIERCE, MARY RT From: BFI (PST) To: CLE, Rep: GGOODWIN, 7 Pax, Carrier: Jets
Friday: 7/13/2001
FRISSORA, MARK RT Charter From: TEB (EST) To: IAD, Rep: GGOODWIN, 5 Pax,
SOUSOURES, GUS RT From: SBA (PST) To: PSM, Rep: GGOODWIN, 5 Pax, Carrie
RENSIN, DAVID OW Charter From: OAK (PST) To: BWI, Rep: GGOODWIN, 1 Pax,
FRISSORA, MARK RT Charter From: IAD To: TOL, Rep: GGOODWIN, 5 Pax, Carrier
FRISSORA, MARK RT Charter From: TOL (EST) To: UGN, Rep: GGOODWIN, 5 Pax
VOETSCH, GREGORY OW From: MMU (EST) To: SAV, Rep: CKELLY, 7 Pax, Type:
Wednesday: 7/11/2001
ALANIS, PAUL RT From: SNA (PST) To: BUR, Rep: CKELLY, 2 Pax, Carrier: CANCE
CAPPY, J.E. RT From: FXE (EST) To: TUL, Rep: CKELLY, 6 Pax, Carrier: Presidential
ALANIS, PAUL RT From: LUK (EST) To: IAH, Rep: CKELLY, 2 Pax, Carrier: eBizJets
ALANIS, PAUL RT From: IAH (CST) To: SAN, Rep: CKELLY, 2 Pax, Carrier: Starjet In
Multiple Flight Legs Can Be Displayed For One Flight
Saturday: 7/14/2001
SHERMAN, ROBERT OW From: TVC (EST) To: SAF, Rep: CKELLY, 2 Pax, Carrier:
GEORGESON, PETER RT From: AGS (EST) To: DPA, Rep: CKELLY, 10 Pax, Carrier
Sunday: 7/15/2001
GREENBERG, STEVE RT Travel Card From: SUN (MST) To: JAC, Rep: GGOODWI
TODD, CHRIS RT From: SUN (MST) To: MEM, Rep: CKELLY, 5 Pax, Carrier: CANCE
TODD, CHRIS OW From: SUN (MST) To: MEM, Rep: CKELLY, 5 Pax, Carrier: Presid
SOUSOURES, GUS OW From: RAP (MST) To: HIO, Rep: CKELLY, 2 Pax, Carrier: C
SOUSOURES, GUS OW From: PKD (CST) To: PDX, Rep: CKELLY, 2 Pax, Type: Lig

Fig. 48

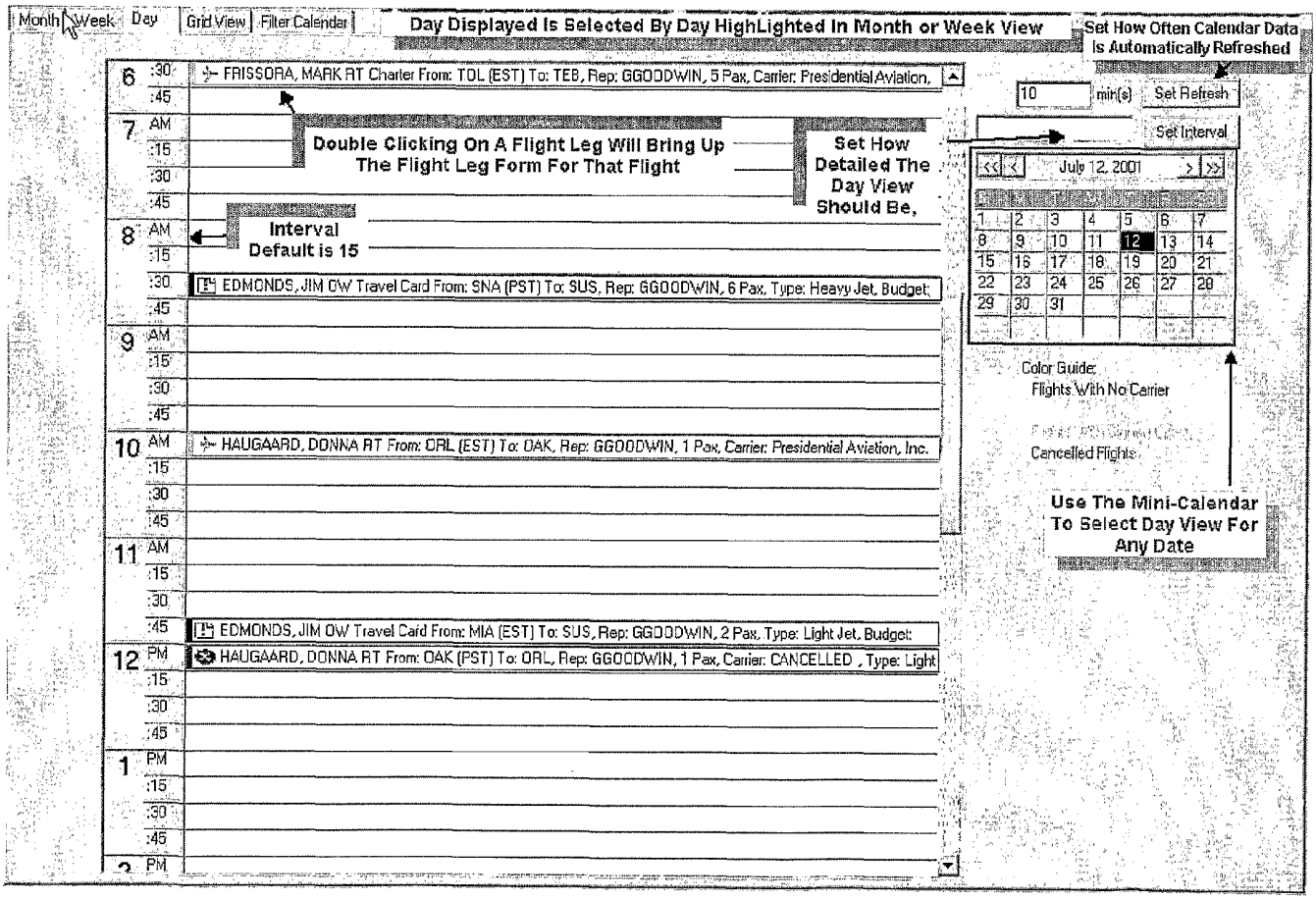
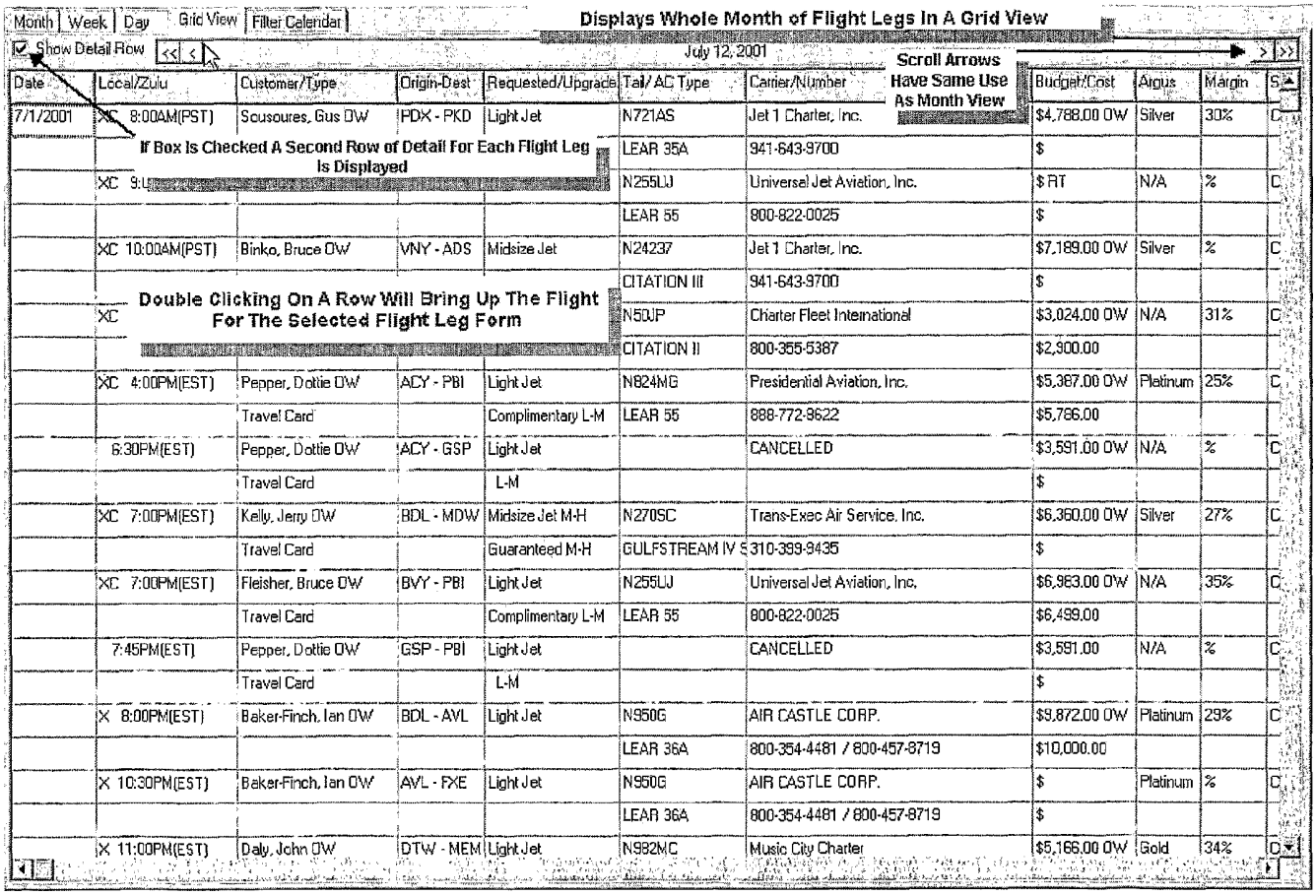

Month
Week
Day
Grid View
Filter Calendar
Day Displayed Is Selected By Day HighLighted In Month or Week View
Set How Often Calendar Data Is Automatically Refreshed
FRISSORA, MARK RT Charter From: TOL (EST) To: TEB, Rep: GGOODWIN, 5 Pax, Carrier: Presidential Aviation,
Double Clicking On A Flight Leg Will Bring Up The Flight Leg Form For That Flight
Set How Detailed The Day View Should Be,
Interval Default is 15
EDMONDS, JIM OW Travel Card From: SNA (PST) To: SUS, Rep: GGOODWIN, 6 Pax, Type: Heavy Jet, Budget:
HAUGAARD, DONNA RT From: ORL (EST) To: OAK, Rep: GGOODWIN, 1 Pax, Carrier: Presidential Aviation, Inc.
EDMONDS, JIM OW Travel Card From: MIA (EST) To: SUS, Rep: GGOODWIN, 2 Pax, Type: Light Jet, Budget:
HAUGAARD, DONNA RT From: OAK (PST) To: ORL, Rep: GGOODWIN, 1 Pax, Carrier: CANCELLED , Type: Light
10
min(s)
Set Refresh
Set Interval
July 12, 2001
Color Guide:
Flights With No Carrier
Cancelled Flights
Use The Mini-Calendar To Select Day View For Any Date

Fig. 49



Date	Local/Zulu	Customer/Type	Origin-Dest	Requested/Upgrade	Tail/AC Type	Carrier/Number	Budget/Cost	Argus	Margin	S
7/1/2001	XC 8:00AM(PST)	Sousoures, Gus OW	PDX - PKD	Light Jet	N721AS	Jet 1 Charter, Inc.	$4,788.00 OW	Silver	30%	C
					LEAR 35A	941-643-9700	$			
	XC 9:L				N255UJ	Universal Jet Aviation, Inc.	$ RT	N/A	%	C
					LEAR 55	800-822-0025	$			
	XC 10:00AM(PST)	Binko, Bruce OW	VNY - ADS	Midsize Jet	N24237	Jet 1 Charter, Inc.	$7,189.00 OW	Silver	%	C
					CITATION III	941-643-9700	$			
	XC				N50JP	Charter Fleet International	$3,024.00 OW	N/A	31%	C
					CITATION II	800-355-5387	$2,900.00			
	XC 4:00PM(EST)	Pepper, Dottie OW	ACY - PBI	Light Jet	N824MG	Presidential Aviation, Inc.	$5,387.00 OW	Platinum	25%	C
		Travel Card		Complimentary L-M	LEAR 55	888-772-8622	$5,786.00			
	6:30PM(EST)	Pepper, Dottie OW	ACY - GSP	Light Jet		CANCELLED	$3,591.00 OW	N/A	%	C
		Travel Card		L-M			$			
	XC 7:00PM(EST)	Kelly, Jerry OW	BDL - MDW	Midsize Jet M-H	N270SC	Trans-Exec Air Service, Inc.	$6,360.00 OW	Silver	27%	C
		Travel Card		Guaranteed M-H	GULFSTREAM IV S	310-399-9435	$			
	XC 7:00PM(EST)	Fleisher, Bruce OW	BVY - PBI	Light Jet	N255UJ	Universal Jet Aviation, Inc.	$6,963.00 OW	N/A	35%	C
		Travel Card		Complimentary L-M	LEAR 55	800-822-0025	$6,499.00			
	7:45PM(EST)	Pepper, Dottie OW	GSP - PBI	Light Jet		CANCELLED	$3,591.00	N/A	%	C
		Travel Card		L-M			$			
	X 8:00PM(EST)	Baker-Finch, Ian OW	BDL - AVL	Light Jet	N950G	AIR CASTLE CORP.	$9,872.00 OW	Platinum	29%	C
					LEAR 36A	800-354-4481 / 800-457-8719	$10,000.00			
	X 10:30PM(EST)	Baker-Finch, Ian OW	AVL - FXE	Light Jet	N950G	AIR CASTLE CORP.	$	Platinum	%	C
					LEAR 36A	800-354-4481 / 800-457-8719	$			
	X 11:00PM(EST)	Daly, John OW	DTW - MEM	Light Jet	N982MC	Music City Charter	$5,166.00 OW	Gold	34%	C

Fig. 50

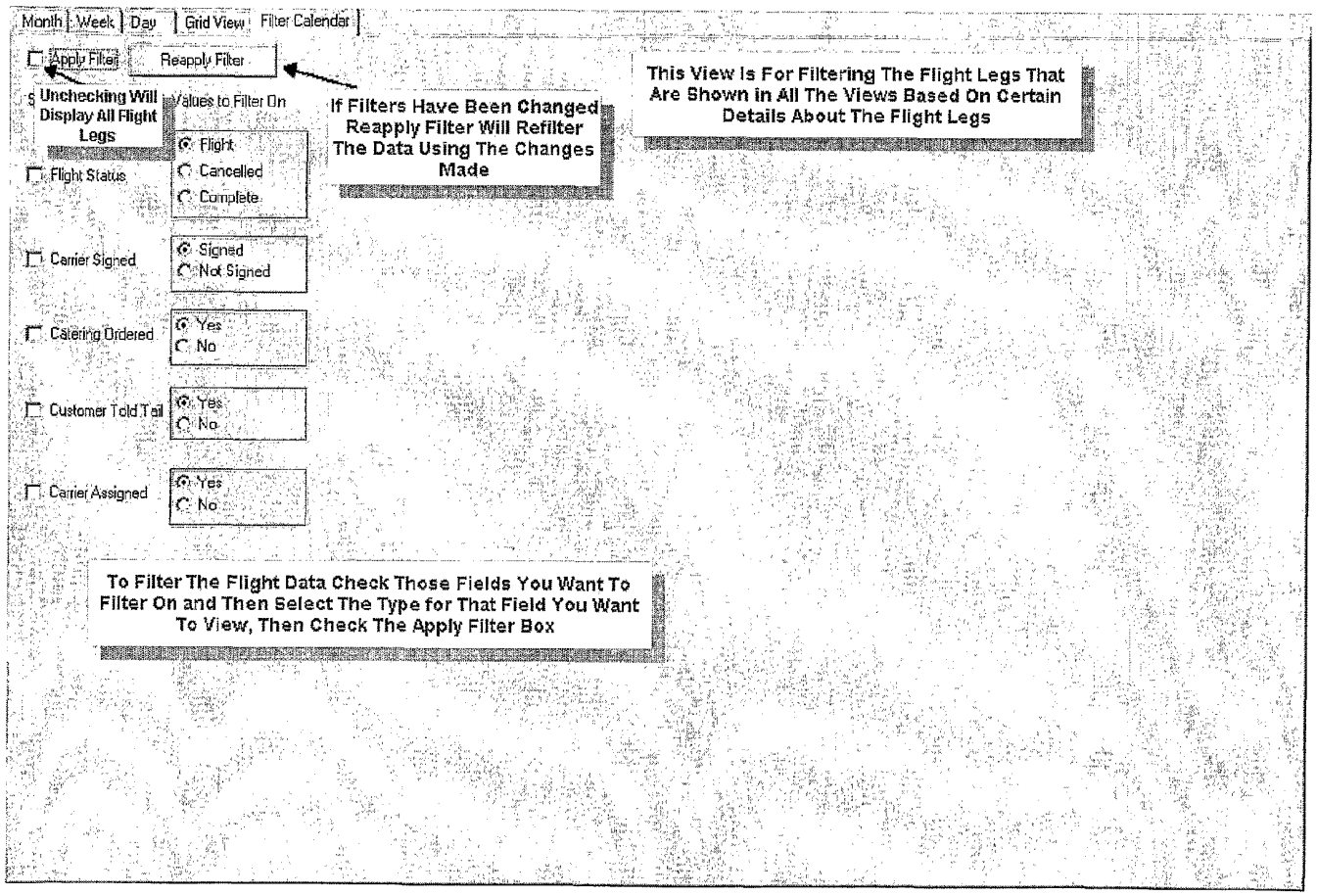

Month
Week
Day
Grid View
Filter Calendar
Apply Filter
Reapply Filter
Unchecking Will Display All Flight Legs
Values to Filter On
If Filters Have Been Changed Reapply Filter Will Refilter The Data Using The Changes Made
This View Is For Filtering The Flight Legs That Are Shown in All The Views Based On Certain Details About The Flight Legs
Flight Status
Flight
Cancelled
Complete
Carrier Signed
Signed
Not Signed
Catering Ordered
Yes
No
Customer Told Tail
Yes
No
Carrier Assigned
Yes
No
To Filter The Flight Data Check Those Fields You Want To Filter On and Then Select The Type for That Field You Want To View, Then Check The Apply Filter Box

Fig. 51

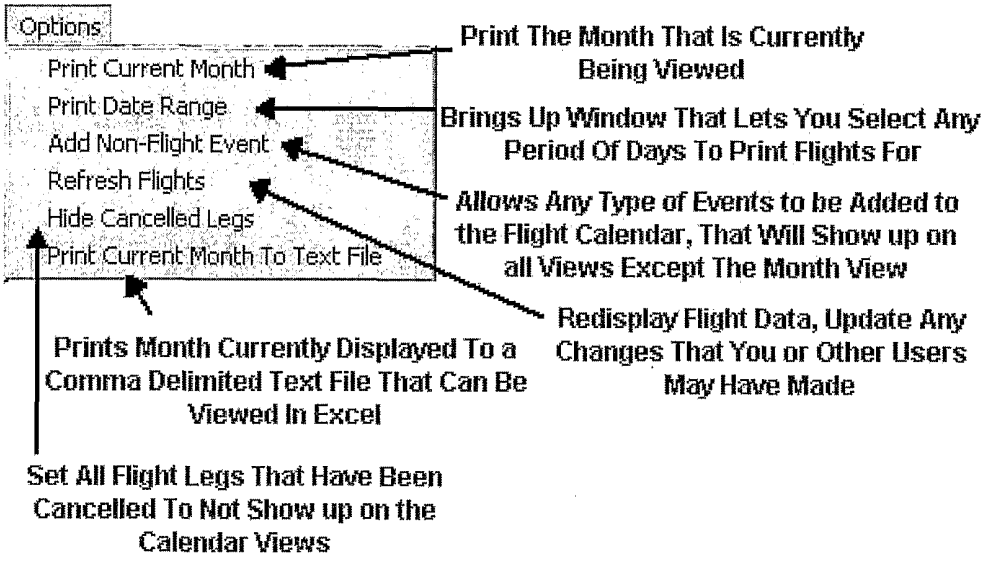

Options
Print Current Month
Print Date Range
Add Non-Flight Event
Refresh Flights
Hide Cancelled Legs
Print Current Month To Text File
Print The Month That Is Currently Being Viewed
Brings Up Window That Lets You Select Any Period Of Days To Print Flights For
Allows Any Type of Events to be Added to the Flight Calendar, That Will Show up on all Views Except The Month View
Redisplay Flight Data, Update Any Changes That You or Other Users May Have Made
Prints Month Currently Displayed To a Comma Delimited Text File That Can Be Viewed In Excel
Set All Flight Legs That Have Been Cancelled To Not Show up on the Calendar Views

Fig. 52

PATENT COOPERATION TREATY

PCT

DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT

(PCT Article 17(2)(a), Rules 13ter.1(c) and Rule 39)

Applicant's or agent's file reference	IMPORTANT DECLARATION	Date of mailing *(day/month/year)*
2448/102 WO		21/09/2001
International application No.	International filing date *(day/month/year)*	(Earliest) Priority date *(day/month/year)*
PCT/US 01/ 22898	19/07/2001	19/07/2000
International Patent Classification (IPC) or both national classification and IPC	G06F17/60	
Applicant		
EBIZJETS.COM		

This International Searching Authority hereby declares, according to Article 17(2)(a), that **no international search report will be established** on the international application for the reasons indicated below

1. [X] The subject matter of the international application relates to:

   a. [ ] scientific theories.

   b. [ ] mathematical theories

   c. [ ] plant varieties.

   d. [ ] animal varieties.

   e. [ ] essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes.

   f. [X] schemes, rules or methods of doing business.

   g. [ ] schemes, rules or methods of performing purely mental acts.

   h. [ ] schemes, rules or methods of playing games.

   i. [ ] methods for treatment of the human body by surgery or therapy.

   j. [ ] methods for treatment of the animal body by surgery or therapy.

   k. [ ] diagnostic methods practised on the human or animal body.

   l. [ ] mere presentations of information.

   m. [ ] computer programs for which this International Searching Authority is not equipped to search prior art.

2. [ ] The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:

   [ ] the description [ ] the claims [ ] the drawings

3. [ ] The failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions prevents a meaningful search from being carried out:

   [ ] the written form has not been furnished or does not comply with the standard.

   [ ] *the computer readable form has not been furnished or does not comply with the standard.*

4. Further comments:

Name and mailing address of the International Searching Authority	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	María Rodríguez Nóvoa

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 203

The subject-matter claimed in claims 1 to 6 and 71 to 83 falls under the provisions of Article 17(2)(a)(i) and Rule 39.1(iii) PCT, such subject-matter relating to a method of doing business.
Claims 7 to 70 relate to commonplace technological features for performing the business method of the method claims. Although these claims do not literally belong to the method category, they essentially claim protection for the same commercial effect as the method claims. With reference to the Guidelines, B-VIII, points 1-6, the International Searching Authority considers that searching such commercial features would serve no useful purpose. This applies to the remaining commonplace technological features of these claims as well.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.